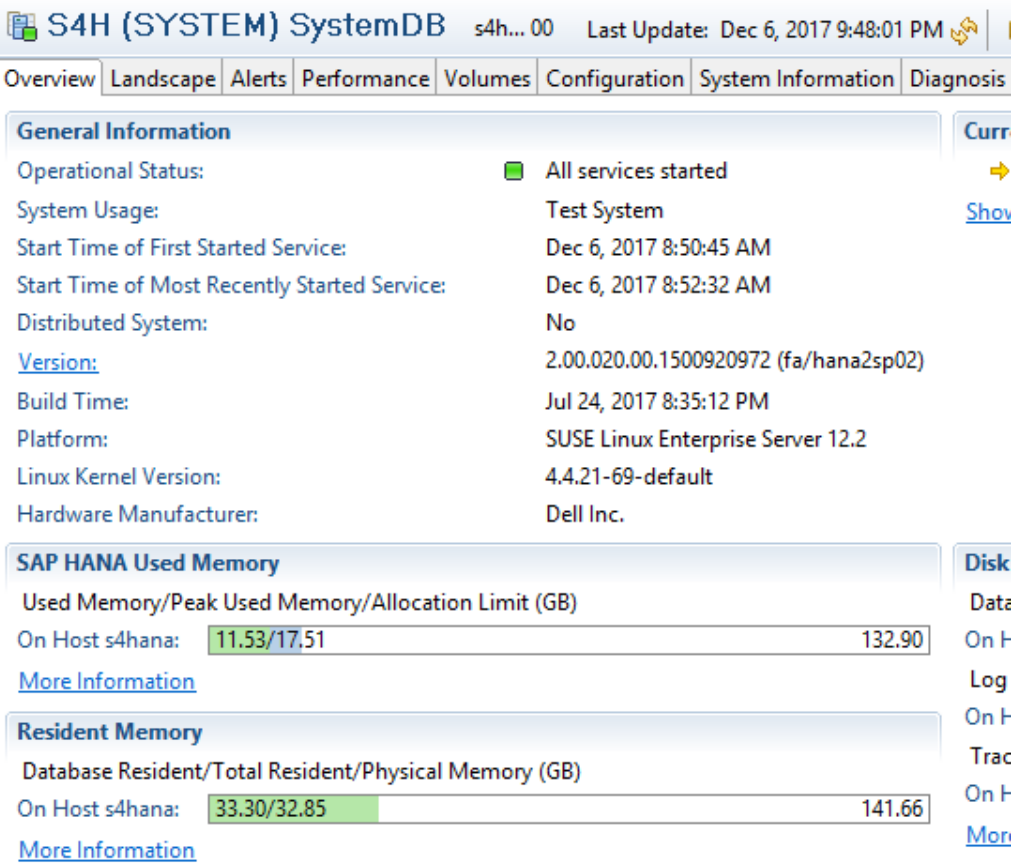
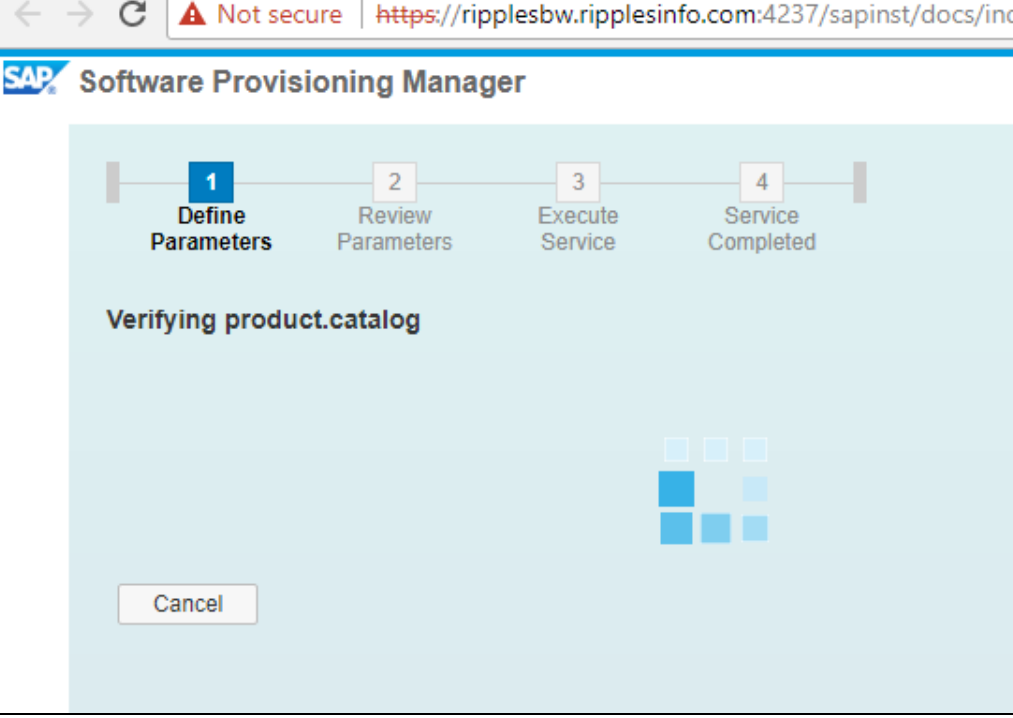
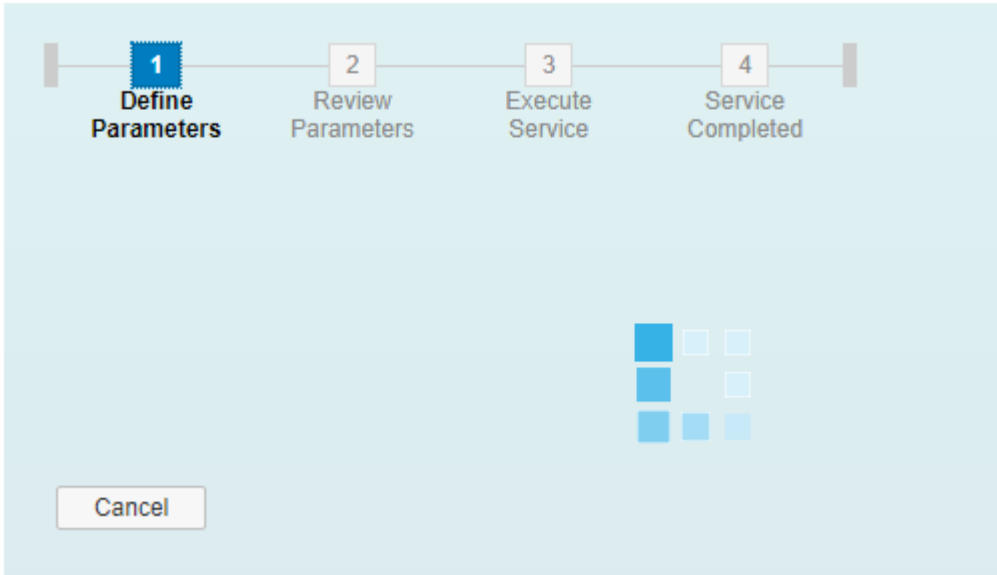


## S/4 HANA 1709 SERVER INSTALLATION

	<p>S4HANA 1709 INSTALLATION IN DISTRIBUTED ENVIRONMENT</p>  <p>The screenshot shows the SAP HANA SystemDB Overview page. The 'General Information' section indicates that all services are started and the system is in a test state. It also lists system details such as version (2.00.020.00.1500920972), build time (Jul 24, 2017), and platform (SUSE Linux Enterprise Server 12.2). The 'SAP HANA Used Memory' section shows that 11.53 GB of memory is currently used out of a 17.51 GB allocation limit. The 'Resident Memory' section shows that 33.30 GB of database resident memory is used out of a 32.85 GB physical memory limit.</p>
<p>LAUNCH SAPINST BY USING SWPM</p>	 <p>The screenshot shows the SAP Software Provisioning Manager (SWPM) installation wizard. The progress bar indicates that the 'Define Parameters' step (1) is currently in progress, followed by 'Review Parameters' (2), 'Execute Service' (3), and 'Service Completed' (4). The main area of the wizard displays the text 'Verifying product.catalog' and a 'Cancel' button.</p>

## S/4 HANA 1709 SERVER INSTALLATION

Perform Pre requisite check	<p><b>Welcome to SAP Installation</b></p> <p>Go to the option you want to execute.</p> <p><b>Available Options</b></p> <ul style="list-style-type: none"> <li>Software Provisioning Manager 1.0 SP 21             <ul style="list-style-type: none"> <li>SAP S/4HANA 1709                 <ul style="list-style-type: none"> <li>SAP S/4HANA Server                     <ul style="list-style-type: none"> <li>SAP HANA Database                         <ul style="list-style-type: none"> <li>Preparations                             <ul style="list-style-type: none"> <li><b>Prerequisites Check</b></li> </ul> </li> <li>Installation</li> <li>System Copy</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul>
	 <p>The progress bar shows the installation steps: 1. Define Parameters (active), 2. Review Parameters, 3. Execute Service, and 4. Service Completed. A 'Cancel' button is located at the bottom left of the progress bar area.</p>

## S/4 HANA 1709 SERVER INSTALLATION

### Prerequisites Checker Options

Select the options for which you want to check specific prerequisites.

**Options for Check**

If you do not select any option, only the essential prerequisites for an installation are checked.  
If you plan to install an SAP system with usage types based on AS ABAP and AS Java, select the Options

	Check Prerequisites	Option
1	<input checked="" type="checkbox"/>	Database Instance (AS ABAP)
2	<input checked="" type="checkbox"/>	Primary Application Server Instance (AS ABAP)
3	<input checked="" type="checkbox"/>	Central Services Instance for ABAP (AS ABAP)
4	<input type="checkbox"/>	Additional Application Server Instance (AS ABAP)

### Prerequisites Checker Database Information

Select your database type and specify the version if required.

**Database Information**

Option Details

	Option	Database Role	Database Type
1	Database Instance (AS ABAP)	Database for AS ABAP	SAP in-memory computin ▼

Back Next Cancel

## S/4 HANA 1709 SERVER INSTALLATION

	<h3>Prerequisites Checker SAP System</h3> <p>Specify information about your SAP system.</p> <div> <p><b>SAP System Information</b></p> <p><input checked="" type="checkbox"/> Unicode System (Recommended)</p> <p><b>Option Details</b></p> <table border="1"> <thead> <tr> <th></th> <th>Option</th> <th>System Role</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Database Instance (AS ABAP)</td> <td>SAP System based on AS ABAP</td> </tr> <tr> <td>2</td> <td>Primary Application Server Instance (AS ABAP)</td> <td>SAP System based on AS ABAP</td> </tr> <tr> <td>3</td> <td>Central Services Instance for ABAP (AS ABAP)</td> <td>SAP System based on AS ABAP</td> </tr> </tbody> </table> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div>		Option	System Role	1	Database Instance (AS ABAP)	SAP System based on AS ABAP	2	Primary Application Server Instance (AS ABAP)	SAP System based on AS ABAP	3	Central Services Instance for ABAP (AS ABAP)	SAP System based on AS ABAP
	Option	System Role											
1	Database Instance (AS ABAP)	SAP System based on AS ABAP											
2	Primary Application Server Instance (AS ABAP)	SAP System based on AS ABAP											
3	Central Services Instance for ABAP (AS ABAP)	SAP System based on AS ABAP											
Give Kernel path	<h3>Archive Scanning Result</h3> <p>After the archives have been scanned, an <a href="#">information file</a> is written, in which you can find detailed information about matching and non matching archive files. This information file contains only results of the latest archive scan.</p> <p><b>Detected Packages</b></p> <table border="1"> <thead> <tr> <th></th> <th>Package Name</th> <th>Individual Package Location</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SAPEXE.SAR (any version supporting you)</td> <td>F:\S4HANA1709 DUMP_Linux version\KE</td> <td>Available</td> </tr> </tbody> </table> <p><b>Additional Information</b></p>		Package Name	Individual Package Location	Status	1	SAPEXE.SAR (any version supporting you)	F:\S4HANA1709 DUMP_Linux version\KE	Available				
	Package Name	Individual Package Location	Status										
1	SAPEXE.SAR (any version supporting you)	F:\S4HANA1709 DUMP_Linux version\KE	Available										

## S/4 HANA 1709 SERVER INSTALLATION

1

Define Parameters

2

Review Parameters

3

Execute Service

4

Service Completed

### Parameter Summary

Choose 'Next' to start with the values shown. Otherwise, select the parameters to be changed and choose 'Review' to change the parameter. You might be guided through other screens that have so far been processed.

**Parameter List**

☐ Prerequisites Checker Options

Options

	Check Prerequisites	Option
1	<input checked="" type="checkbox"/>	Database Instance (AS ABAP)
2	<input checked="" type="checkbox"/>	Primary Application Server Instance (AS ABAP)
3	<input checked="" type="checkbox"/>	Central Services Instance for ABAP (AS ABAP)
4	<input type="checkbox"/>	Additional Application Server Instance (AS ABAP)

1

Define Parameters

2

Review Parameters

3

Execute Service

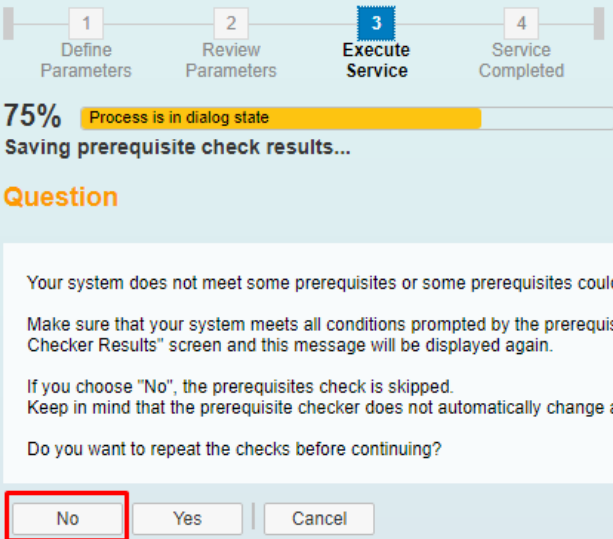
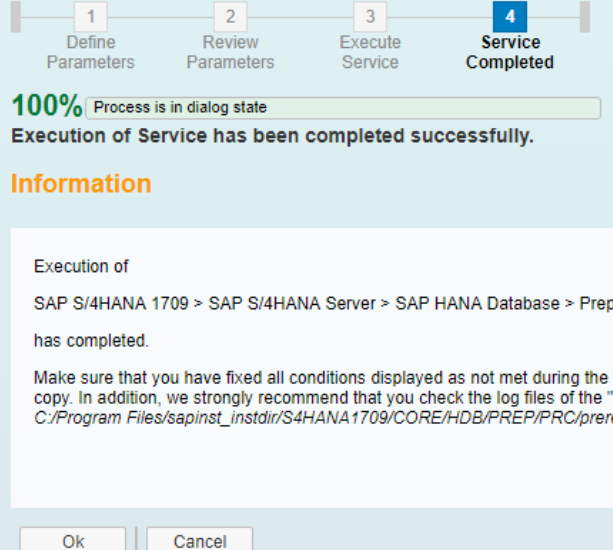
4

Service Completed

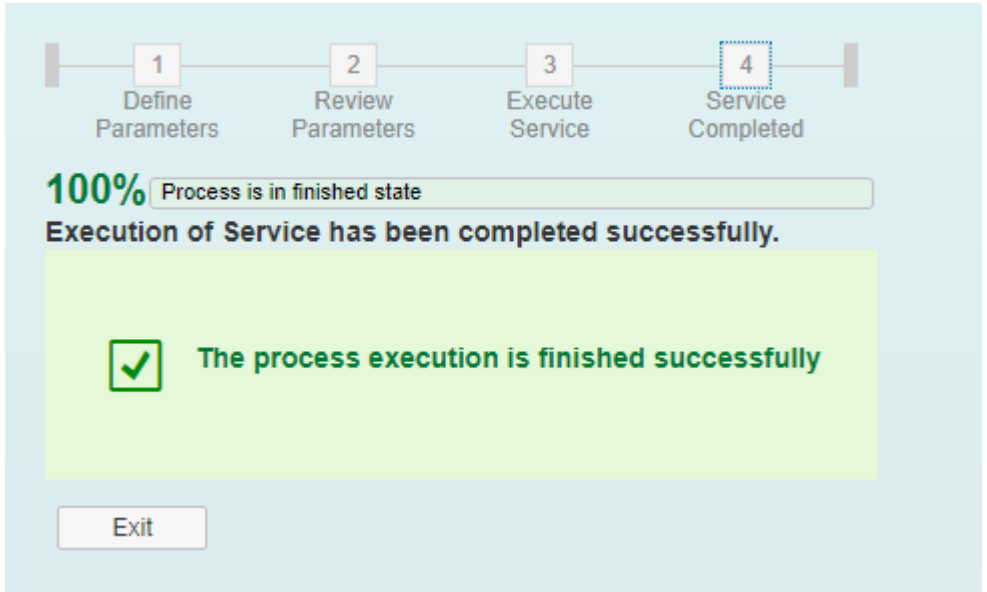
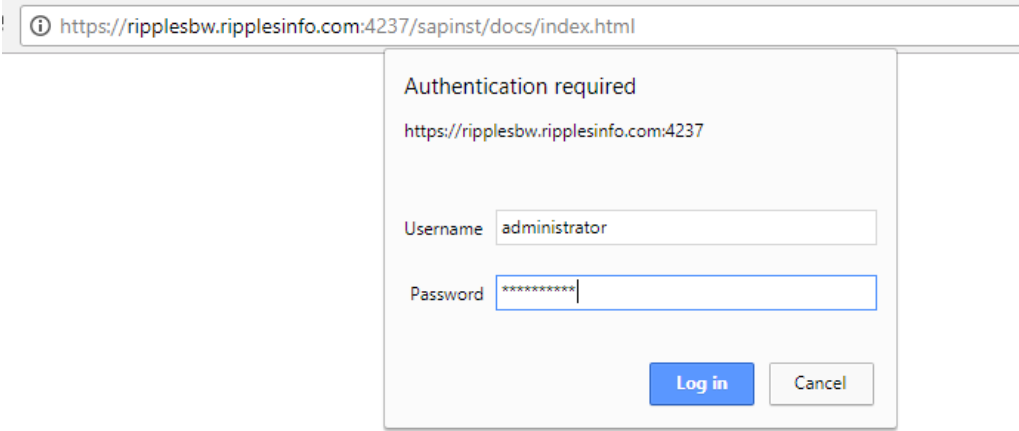
## S/4 HANA 1709 SERVER INSTALLATION

<b>Prerequisites Checker Results</b> Read the results of the prerequisite analysis carefully.																																																											
<b>Attention</b> Your host has been checked for compliance with the prerequisites. <ul style="list-style-type: none"> <li>If a condition is not met by your system, we strongly recommend that you fix this before starting the installation.</li> <li>In rare cases, you might decide to run the installation although not all prerequisites are met. The installation does not prevent you from doing this, but make sure that you know what you are doing.</li> </ul>																																																											
<b>Detailed Results</b> <table> <tr> <th>Condition</th><th>Result Code</th><th>Severity</th><th>Message</th><th>More Information</th></tr> <tr> <td>Continuous Availability feature</td><td>Condition not met</td><td>HIGH</td><td>Continuous Availability feature on Windows Server 2012/R2 can result in long waiting times. See also <a href="#">SAP Note 1823833</a> (Updated 2016-30-03)</td><td>Not available</td></tr> <tr> <td>Operating system language</td><td>OK</td><td></td><td>The English language pack is installed on your operating system so that your support requests can be handled quickly. (Updated 2010-09-15)</td><td><a href="#">Click here</a></td></tr> <tr> <td>NFS Service</td><td>OK</td><td></td><td>The NFS Client on this host might be running. This can cause long waiting times and Software Provisioning Manager might terminate. For more information, see <a href="#">SAP Note 2073902</a> or Microsoft KB3012423. (Updated 2016-02-10)</td><td>Not available</td></tr> <tr> <td>System Locale</td><td>OK</td><td></td><td>System Locale must be set to English - "en-US". Current state: en-US. See also <a href="#">SAP Note 362379</a> (Updated 2016-03-15)</td><td><a href="#">Click here</a></td></tr> <tr> <td>Host</td><td>OK</td><td></td><td>The host name must be an alphanumeric string. It can contain characters [A-Z, a-z], digits [0-9], and the hyphen (or minus) character "-". Although the newer RFCs permit host names beginning with digits, we recommend that host names begin with an alphanumeric character. Maximum length is 13. Current host name is: ripplesbw. See also <a href="#">SAP Note 611361</a>. (Updated 2005-06-24)</td><td><a href="#">Click here</a></td></tr> <tr> <td>RAM Size</td><td>OK</td><td></td><td>For the selected services at least 1024 MB RAM are required. Current value: 15870 MB. If the current value is much lower than the required value this will significantly slow down the installation or make it even impossible. In this case stop the installation, add more RAM and start it again. (Updated 2005-06-24)</td><td><a href="#">Click here</a></td></tr> <tr> <td>Domain Controller</td><td>OK</td><td></td><td>Installations on domain controllers are not supported. (Updated 2005-06-24)</td><td><a href="#">Click here</a></td></tr> <tr> <td>Names of well-known groups</td><td>OK</td><td></td><td>Checking the names of selected well-known groups. The following names were expected: "everyone, users, guests, power users". The following names were found: "everyone, users, guests, power users". If they do not match, it is most probably because you are not using an English international version of Windows but a localized one instead. Only English international versions of Windows are supported. See also <a href="#">SAP Note 362379</a>. (Updated 2005-06-24)</td><td><a href="#">Click here</a></td></tr> <tr> <td>Host IP Address</td><td>OK</td><td></td><td>The IP address returned by the command "ping -4 [hostname]" is valid and not assigned by Microsoft Failover Cluster Virtual Adapter. (Updated 2011-10-26)</td><td>Not available</td></tr> <tr> <td>Swap Size</td><td>OK</td><td></td><td>For the selected services at least 20480 MB swap space are recommended. Current value is: 30000 MB. (Updated 2005-06-24)</td><td><a href="#">Click here</a></td></tr> </table>					Condition	Result Code	Severity	Message	More Information	Continuous Availability feature	Condition not met	HIGH	Continuous Availability feature on Windows Server 2012/R2 can result in long waiting times. See also <a href="#">SAP Note 1823833</a> (Updated 2016-30-03)	Not available	Operating system language	OK		The English language pack is installed on your operating system so that your support requests can be handled quickly. 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## S/4 HANA 1709 SERVER INSTALLATION

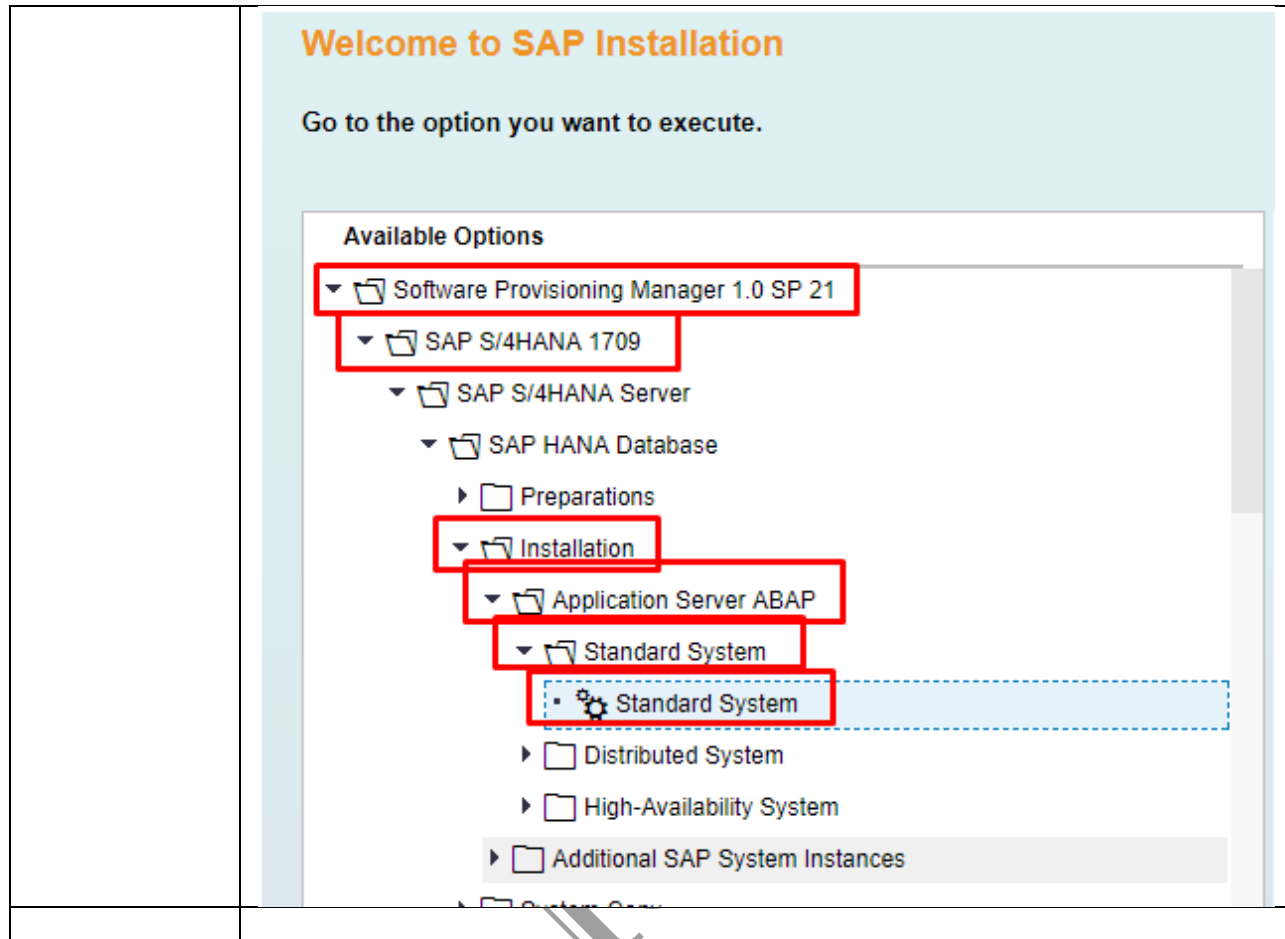
Click No	
	

## S/4 HANA 1709 SERVER INSTALLATION

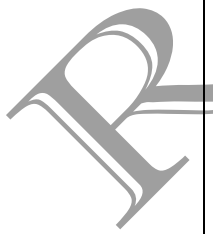
	
<p>Again launch sapinst by USING SWPM</p>	



## S/4 HANA 1709 SERVER INSTALLATION



## S/4 HANA 1709 SERVER INSTALLATION


	<div data-bbox="462 220 1177 325"> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div> <div data-bbox="503 262 1128 315"> <div>Define Parameters</div> <div>Review Parameters</div> <div>Execute Service</div> <div>Service Completed</div> </div> <h3 data-bbox="462 409 755 451">Parameter Settings</h3> <p data-bbox="462 472 1193 504">Choose whether you want to run the installation in a typical or a custom mode.</p> <div data-bbox="487 577 690 609">Parameter Settings</div> <div data-bbox="487 630 657 661">Parameter Mode</div> <div data-bbox="487 672 609 745"> <input type="radio"/> Typical  <input checked="" type="radio"/> Custom </div> <div data-bbox="487 756 722 787">Additional Information</div> <p data-bbox="487 787 1096 819">You can run the installation either in a typical or a custom mode:</p> <ul data-bbox="535 829 1437 1029" style="list-style-type: none"> <li> <b>Typical Mode</b>              If you choose <i>Typical</i>, the option is performed with default settings. As a result, you only have...              If you want to change any of the default settings, you can do so on the <i>Parameter Summary</i> s...              Note that if you choose the <i>Typical</i> setting and then choose <i>Back</i> after processing one or mor...              activated. You are now guided through all screens with the default parameters that have been... </li> <li> <b>Custom Mode</b>              If you choose <i>Custom</i>, you are prompted for all parameters. At the end, you can still change a...  <i>Summary</i> screen. </li> </ul> <div data-bbox="470 1102 901 1144"> <div>Back</div> <div>Next</div> <div>Cancel</div> </div>
	<h3 data-bbox="454 1239 933 1281">General SAP System Parameters</h3> <p data-bbox="454 1302 836 1333">Enter the system ID and destination drive.</p> <div data-bbox="479 1396 609 1428">SAP System</div> <div data-bbox="479 1449 1323 1501"> <div>*SAP System ID (SAPSID)</div> <div>S4H</div> </div> <div data-bbox="479 1501 1323 1543"> <div>Destination Drive</div> <div>E:</div> </div> <div data-bbox="479 1543 706 1575">Additional Information</div> <p data-bbox="479 1575 1437 1627">The <i>SAP System ID</i> is an identifier for your SAP system. It must be unique throughout your system landsc...  The system is installed under &lt;Destination Drive&gt;:\usr\sap\&lt;SAPSID&gt;\....</p> <div data-bbox="462 1669 876 1711"> <div>Back</div> <div>Next</div> <div>Cancel</div> </div>

## S/4 HANA 1709 SERVER INSTALLATION

	<div> <h3>DNS Domain Name</h3> <p>Enter the DNS domain name for the SAP system to calculate the fully qualified domain name (FQDN).</p> <div> <p><b>SAP System Domain Name</b></p> <p><input checked="" type="checkbox"/> Set FQDN for SAP system</p> <p>*DNS Domain Name for SAP System <input type="text" value="ripplesinfo.com"/></p> <p><b>Additional Information</b> The <i>DNS Domain Name</i> is used to calculate the Fully Qualified Domain Name (FQDN), which is configured in parameter <code>SAPLOCALHOSTFULL</code>. This parameter is needed to define the URLs for the ABAP and Java application server.</p> <p>Back Next Cancel</p> </div> </div>
	<div> <h3>Master Password</h3> <p>Enter the master password for all users.</p> <div> <p><b>Master Password</b> The master password is used for all users that are created. Check the tool help for restrictions and dependencies.</p> <p>*Password for All Users <input type="password" value="....."/></p> <p>*Confirm <input type="password" value="....."/></p> <p><b>Additional Information</b> If you want to set an individual password for each user, you can do this in the corresponding parameter section screen. If you set individual passwords, a new master password does not overwrite these individual settings.</p> <p>Back Next Cancel</p> </div> </div>

	<div><h3>Windows Domain</h3><p>Choose the Windows domain in which you want to create the SAP system accounts.</p><div><b>SAP System User Domain</b> SAP System ID (SAPSID) <input type="text" value="S4H"/> Domain Model <input checked="" type="radio"/> Local Domain <input type="radio"/> Domain of Current User <input type="radio"/> Different Domain *Windows Domain <input type="text"/></div><div><b>Additional Information</b><ul style="list-style-type: none"><li>• If you want the SAP system to run on one host, you can choose <i>Local Domain</i> (local installation).</li><li>• If you want the system to be distributed on several hosts, we strongly recommend that you perform authorization problems.</li><li>• If you want to install a high-availability system with MSCS, you must perform a domain installation.</li></ul><p>To perform a domain installation and have the operating system users created during the installation, you must create all operating system users before the installation. Otherwise, you have to create all operating system users before the installation. For more information about Windows domains, see the Windows documentation.</p><div><input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/></div></div></div>
	<div><h3>Operating System Users</h3><p>Enter the passwords of the operating system users.</p><div><b>SAP System Administrator</b> <b>Account:</b> <input type="text" value="ripplesbwls4hadm"/> *Password of SAP System Administrator <input type="password" value=""/> *Confirm <input type="password" value=""/> <b>SAP System Service User</b> <b>Account:</b> <input type="text" value="ripplesbwls4hadm"/> *Password of SAP System Service User <input type="password" value=""/> *Confirm <input type="password" value=""/></div><div><input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/></div></div>

## S/4 HANA 1709 SERVER INSTALLATION

	<h3>Database for SAP System</h3> <p>Enter the database parameters.</p> <p><b>SAP HANA Database or Database Tenant</b></p> <p>*Database ID (DBSID) <input type="text" value="S4H"/></p> <p>*Database Host <input type="text" value="s4hana"/></p> <p>*Instance Number of the SAP HANA Database <input type="text" value="00"/></p> <p>*Password of the SAP HANA Database System Administrator <input type="password" value="....."/></p> <p><b>Additional Information</b></p> <p>If you are using a SAP HANA multitenant database container, specify for the database parameters the database tenant. The <i>Instance Number</i> and the <i>Database Host</i> have to be from the system database, not exist.</p> <p><b>Caution:</b> If you install a SAP NetWeaver-based SAP system and the SAP HANA database on the same host (DBSID) for the SAP HANA database that is different from the <i>SAP System ID (SAPSID)</i> you later specify for the SAP NetWeaver-based SAP system.</p> <p>Back   Next   Cancel</p>
	<h3>SAP HANA Multitenant Database Containers</h3> <p>Enter the database parameters for the system database.</p> <p><b>System Database</b></p> <p>Database ID (DBSID) <input type="text" value="SystemDB"/></p> <p>*Database Host <input type="text" value="s4hana"/></p> <p>*Instance Number of the SAP HANA Database <input type="text" value="00"/></p> <p>*Password of the SAP HANA Database Superuser <input type="password" value="....."/></p> <p><b>Additional Information</b></p> <p>Note that you can only use an existing SAP HANA multitenant database container.</p> <p>Back   Next   Cancel</p>

## S/4 HANA 1709 SERVER INSTALLATION

### Archive Scanning Result

After the archives have been scanned, an [information file](#) is written, in which you can find detailed information about matx archive files.  
This information file contains only results of the latest archive scan.

Detected Packages

	Package Name	Individual Package Location	Status
1	SAPEXE.SAR (any version supporting you)	F:\S4HANA1709 DUMP_Linux version\KE	Available
2	IGSEXE.SAR	F:\S4HANA1709 DUMP_Linux version\KE	Available
3	IGSHELPER.SAR	F:\S4HANA1709 DUMP_Linux version\KE	Available
4	SAPEXEDB.SAR (matching SAPEXE Ver)	F:\S4HANA1709 DUMP_Linux version\KE	Available

**Additional Information**

SAP recommends that you use the latest released versions of the required software packages. You can download them from [SAP Software Download Center](#) or - if available - using the [Maintenance Planner](#).

If you have DVDs or Blu-ray media containing the required packages, you can also use them for initial system provisioning - applicable - update the software packages later by using the appropriate tool from the [Software Logistics Toolset](#).

### Saving prerequisite check results...

### Prerequisites Checker Results

Read the results of the prerequisite analysis carefully.

**Attention**

Your host has been checked for compliance with the prerequisites.

- If a condition is not met by your system, we strongly recommend that you fix this before starting the installation.
- In rare cases, you might decide to run the installation although not all prerequisites are met. The installation does not prevent you from doing this, but make sure that you know what you are doing.


**Detailed Results**

Condition	Result Code	Severity	Message	More Information
Continuous Availability feature	Condition not met	HIGH	Continuous Availability feature on Windows Server 2012/R2 can result in long waiting times. See also <a href="#">SAP Note 1823833</a> (Updated 2016-30-03)	Not available

## S/4 HANA 1709 SERVER INSTALLATION



	<p><b>Question</b></p> <p>Your system does not meet some prerequisites or some prerequisites could not be evaluated.</p> <p>Make sure that your system meets all conditions prompted by the prerequisite checker before you choose "Yes". Otherwise the Checker Results" screen and this message will be displayed again.</p> <p>If you choose "No", the prerequisites check is skipped. Keep in mind that the prerequisite checker does not automatically change any settings.</p> <p>Do you want to repeat the checks before continuing?</p> <p> <input type="button" value="No"/> <input type="button" value="Yes"/> <input type="button" value="Cancel"/> </p>								
	<p><b>Upgrade SAP Host Agent</b></p> <p>Decide whether you want to upgrade the existing SAP Host Agent</p> <p><b>Detected SAP Host Agent</b></p> <p><input checked="" type="checkbox"/> Upgrade SAP Host Agent with a provided version</p> <p><b>Additional Information</b></p> <p>An SAP Host Agent is already installed on this host; you can upgrade it to a higher version when provided.</p> <p>At the end of the upgrade the agent will be restarted. If you provide an archive with does not include a higher v remains unchanged.</p> <p> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </p>								
	<p>This information file contains only results of the latest archive scan.</p> <p><b>Detected Packages</b></p> <table border="1"> <thead> <tr> <th></th><th>Package Name</th><th>Individual Package Location</th><th>Status</th></tr> </thead> <tbody> <tr> <td>1</td><td>SAPHOSTAGENT.SAR 721 (Latest Patch)</td><td>F:\S4HANA1709 DUMP_Linux version\KE</td><td>Available</td></tr> </tbody> </table> <p><b>Additional Information</b></p> <p>SAP recommends that you use the latest released versions of the required software packages. You can download them either <a href="#">SAP Software Download Center</a> or - if available - using the <a href="#">Maintenance Planner</a>.</p> <p>If you have DVDs or Blu-ray media containing the required packages, you can also use them for initial system provisioning; applicable - update the software packages later by using the appropriate tool from the <a href="#">Software Logistics Toolset</a>.</p> <p> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </p>		Package Name	Individual Package Location	Status	1	SAPHOSTAGENT.SAR 721 (Latest Patch)	F:\S4HANA1709 DUMP_Linux version\KE	Available
	Package Name	Individual Package Location	Status						
1	SAPHOSTAGENT.SAR 721 (Latest Patch)	F:\S4HANA1709 DUMP_Linux version\KE	Available						

## S/4 HANA 1709 SERVER INSTALLATION

	<h3>Configuration of SAP liveCache with SAP HANA</h3> <p>Decide whether you want to use SAP liveCache integrated in SAP HANA, external SAP liveCache base</p> <div> <p><b>SAP liveCache Integration</b></p> <p><input type="checkbox"/> Install SAP liveCache for SAP System</p> </div> <div> <p><b>SAP liveCache Destination</b></p> <p>Specify the SAP liveCache destination you want to use:</p> <p><input checked="" type="radio"/> Use SAP liveCache integrated in SAP HANA</p> <p><input type="radio"/> Use external SAP liveCache based on SAP MaxDB technology</p> </div> <div> <p><b>Additional Information</b></p> <ul style="list-style-type: none"> <li>If you do not want to use SAP liveCache, deselect <i>Install SAP liveCache for SAP System</i>.</li> <li>If you want to run SAP liveCache in the SAP HANA database instance, choose <i>Use SAP live</i></li> <li>If you want to run SAP liveCache as a separate database instance, choose <i>Use external SAP technology</i>.</li> </ul> </div> <div> <p>Back   Next   Cancel</p> </div>
	<h3>SAP HANA Client Software Installation Path</h3> <p>Decide on the client path strategy.</p> <div> <p><b>Client Path Strategy</b></p> <p><b>Client Software Path</b></p> <p><input checked="" type="radio"/> Local Client Directory</p> <p><input type="radio"/> Central Client Directory</p> </div> <div> <p><b>Additional Information</b></p> <p>Choose <i>Local Client Directory</i> for installing the client locally on each server to <code>/usr/s</code></p> <p>Choose <i>Central Client Directory</i> to install into a central directory <code>\$DIR_CT_RUN/hdbc1</code> In this case sapcpe is enabled for the client software. During a restart the instance cli</p> </div> <div> <p>Back   Next   Cancel</p> </div>



## S/4 HANA 1709 SERVER INSTALLATION

	<div> <h3>Media Browser</h3> <p>Enter the location of the required software packages.</p> <div> <h4>Software Package Requests</h4> <table border="1"> <thead> <tr> <th></th> <th>Media</th> <th>Package Location</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RDBMS HANA Client</td> <td>F:/S4HANA1709 DUMP_Linux version/S4HANA_1709_LII</td> </tr> </tbody> </table> </div> <div> <h4>Additional Information</h4> <p>The required software packages available on the media are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there are complete media available on the host, you only need to enter the path to the root directory of the media in the <i>Package Location</i> column.</p> </div> <div> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div> </div>		Media	Package Location	1	RDBMS HANA Client	F:/S4HANA1709 DUMP_Linux version/S4HANA_1709_LII
	Media	Package Location					
1	RDBMS HANA Client	F:/S4HANA1709 DUMP_Linux version/S4HANA_1709_LII					
Kernel path	<div> <div> <div>1</div> <div>Define Parameters</div> </div> <div>2</div> <div>Review Parameters</div> <div>3</div> <div>Execute Service</div> <div>4</div> <div>Service Completed</div> </div> <div> <h3>Verifying DATA/REPO SRC-4.001</h3> <div>  </div> <div> <input type="button" value="Cancel"/> </div> </div>						
	<div> <h3>Media Browser</h3> <p>Enter the location of the required software packages.</p> <div> <h4>Software Package Requests</h4> <table border="1"> <thead> <tr> <th></th> <th>Media</th> <th>Package Location</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Installation Export 2 S/4HANA 1709</td> <td>version\EXPORTS\51052190\DATA_UNITS\EXPORT_11</td> </tr> </tbody> </table> </div> <div> <h4>Additional Information</h4> <p>The required software packages available on the media are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there are complete media available on the host, you only need to enter the path to the root directory of the media in the <i>Package Location</i> column.</p> </div> <div> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div> </div>		Media	Package Location	1	Installation Export 2 S/4HANA 1709	version\EXPORTS\51052190\DATA_UNITS\EXPORT_11
	Media	Package Location					
1	Installation Export 2 S/4HANA 1709	version\EXPORTS\51052190\DATA_UNITS\EXPORT_11					

## S/4 HANA 1709 SERVER INSTALLATION

1

Define Parameters

2

Review Parameters

3

Execute Service

4

Service Completed

Verifying DATA/SAPSLEXC.001

Cancel

Media Browser

Enter the location of the required software packages.

Software Package Requests

	Media	Package Location	
1	Installation Export 2 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
2	Installation Export 1 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
3	Installation Export 1 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
4	Installation Export 1 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
5	Installation Export 1 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
6	Installation Export 2 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
7	Installation Export 2 S/4HANA 1709	F:\S4HANA1709 DUMP_Linux version\EXPORTS\510521	<div>Browse</div>
8	Installation Export 2 S/4HANA 1709	x version\EXPORTS\51052190\DATA_UNITS\EXPORT_9	<div>Browse</div>

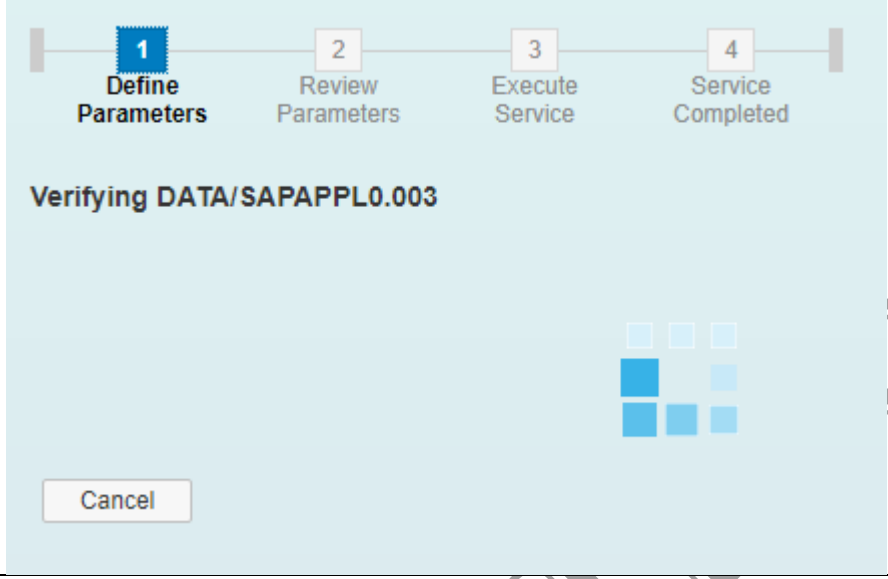
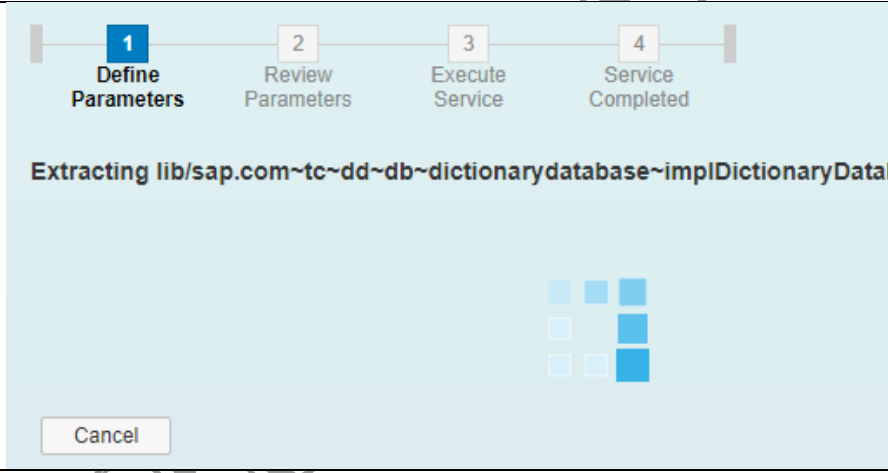
Additional Information

The required software packages available on the media are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there are complete media available on the host, you only need to enter the path to the root directory of the media in the Package Location column.

Next

Cancel

## S/4 HANA 1709 SERVER INSTALLATION

	 <p>1 Define Parameters</p> <p>2 Review Parameters</p> <p>3 Execute Service</p> <p>4 Service Completed</p> <p>Verifying DATA/SAPAPPL0.003</p> <p>Cancel</p>
	 <p>1 Define Parameters</p> <p>2 Review Parameters</p> <p>3 Execute Service</p> <p>4 Service Completed</p> <p>Extracting lib/sap.com~tc~dd~db~dictionarydatabase~implDictionaryDatabase.jar</p> <p>Cancel</p>

## S/4 HANA 1709 SERVER INSTALLATION

	<div> <h3>SAP HANA Multitenant Database Containers</h3> <p>Enter the database parameters for the system database.</p> <div> <h4>System Database</h4> <div> Database ID (DBSID) <input type="text" value="SystemDB"/> </div> <div> *Database Host <input type="text" value="s4hana"/> </div> <div> *Instance Number of the SAP HANA Database <input type="text" value="00"/> </div> <div> *Password of the SAP HANA Database Superuser <input type="password" value="*****"/> </div> </div> <div> <h4>Tenant Database</h4> <div> Tenant ID <input type="text" value="S4H"/> </div> <div> <input type="checkbox"/> Recreate Database Tenant </div> </div> <div> <h4>Additional Information</h4> <p>Note that you can only use an existing SAP HANA multitenant database container. Specify the connectivity data. Choose <i>Recreate Database Tenant</i> only if you have decided to delete all containers, all users, schemas, and roles. In addition, the tenant-specific configuration is initialized. Choose this option if you are doing a reinstall or a refresh of the system. The advantage of recreating the tenant is that all data is instantly deleted, which leads to better performance during data import. <i>Recreate Database Tenant</i> is only available for system copy.</p> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div> </div>
--	---

### Database Schema

Enter the database schema password.

**Database Schema**

Database ID	S4H
Database Host	s4hana
Instance Number of the SAP HANA Database	00
*Schema	DBACOCKPIT
<input type="checkbox"/> Drop Existing Schema	
*Schema Password	.....
*Confirm	.....

**Additional Information**

Follow the relevant instructions for your scenario:

- **Installation / System Copy / Migration (Load-Based)**  
The schema must either not exist in the database or if it exists, the checkbox for dropping the case all data in the existing schema is deleted.  
The only exception is the DBACOCKPIT schema, which can be used by multiple systems and
- **Homogeneous System Copy (SAP HANA-Specific Backup / Recovery)**  
For a SAP HANA-specific system copy, the schema name must be present in the database backup password as in the backup. The password is not be changed by the installer.
- **System Rename**  
Verify that the schema name is the correct one for the system to be renamed and enter the password

Back Next Cancel

## Database Schema

Enter the database schema password.

### Database Schema

Database ID	<input type="text" value="S4H"/>
Database Host	<input type="text" value="s4hana"/>
Instance Number of the SAP HANA Database	<input type="text" value="00"/>
*Schema	<input type="text" value="SAPABAP1"/>
<input type="checkbox"/> Drop Existing Schema	
*Schema Password	<input type="password" value="....."/>
*Confirm	<input type="password" value="....."/>

### Additional Information

Follow the relevant instructions for your scenario:

- Installation / System Copy / Migration (Load-Based)**  
 The schema must either not exist in the database or if it exists, the checkbox for dropping the existing schema must be selected. In this case all data in the existing schema is deleted.  
 The only exception is the DBACOCKPIT schema, which can be used by multiple systems and does not get deleted.
- Homogeneous System Copy (SAP HANA-Specific Backup / Recovery)**  
 For a SAP HANA-specific system copy, the schema name must be present in the database backup. The password is not changed by the installer.
- System Rename**  
 Verify that the schema name is the correct one for the system to be renamed and enter the password.

Back

Next

Cancel



Retrieving default database parameters...

## SAP HANA Import Parameters

Enter the import parameters.

### SAP HANA Import

Import Parameters

 Add  Remove

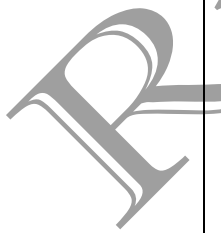
	Configuration File *	Section *	Parameter Name *	Parameter Value *	Keep after Import
1	indexserver.ini	distribution	client_distribution_mode	statement	<input checked="" type="checkbox"/>
2	global.ini	table_placement	method	2	<input checked="" type="checkbox"/>
3	global.ini	table_placement	prefix	/	<input checked="" type="checkbox"/>
4	indexserver.ini	optimize_compression	min_hours_since_last_r	0	<input type="checkbox"/>

## S/4 HANA 1709 SERVER INSTALLATION

	<div> <h3>Declustering / Depooling Option</h3> <p>You can enable ABAP table declustering / depooling for your SAP system to implement the new SAP standard for the data</p> <div> <h4>ABAP Table Declustering and Depooling</h4> <p> <input checked="" type="radio"/> Enable declustering / depooling of all ABAP tables  <input type="radio"/> Do not decluster / depool ABAP tables         </p> <h4>Additional Information</h4> <p>The new SAP standard for the database table layout is implemented by default for SAP products based on SAP NetWeaver 7.40. For more information, see SAP Note 199083.</p> <p>Select <i>Enable declustering / depooling of all ABAP tables</i> if you want to decluster / depool all ABAP tables in your target system.</p> <p>Select <i>Do not decluster / depool ABAP tables</i> in the following cases:</p> <ul style="list-style-type: none"> <li>You want to install the target system without using declustering / depooling.</li> <li>You perform a system copy and want the tables to have the same declustering / depooling status as in the source system.</li> </ul> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div> </div>
--	---

Ripples

## S/4 HANA 1709 SERVER INSTALLATION

	<h3>SAP HANA Table Placement Parameters</h3> <p>Enter the path to an SQL file containing SAP HANA table placement parameters.</p> <div> <p><b>Table Placement Parameters</b></p> <p>Table Placement</p> <p> <input type="radio"/> Use a parameter file  <input checked="" type="radio"/> Do not use a parameter file         </p> <p>Parameter File Location <input type="text" value="C:\Program Files\sapinst_instdir\S4HANA1"/></p> <p><b>Additional Information</b></p> <p>The SAP HANA table placement parameters are used to optimally create and, for a scale-out landscape, the SAP HANA landscape redistribution is executed after the table-creation in a properly working SAP HANA system.</p> <p>Before creating the tables, it is important to set the table placement parameters.</p> <p><b>Caution: Not setting the parameters can lead to poor performance or out-of-memory errors</b> parameter files and more information.</p> <p>Copy the parameter file that is attached to SAP Note <a href="#">1900822</a> into the directory <i>Parameter File Location</i>. If you choose <i>Use a parameter file</i>, the installer verifies the file is always important, even if the SAP HANA database is a single-node system.</p> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div>
	<h3>SAP System Database Import</h3> <p>Enter the general load parameters.</p> <div> <p><b>Database Load</b></p> <p>*SAP Code Page <input type="text" value="4103"/></p> <p>*Number of Parallel Jobs <input type="text" value="18"/></p> <p><b>Additional Information</b></p> <p>We recommend that you configure 18 processes for this environment and database type.</p> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div>



## S/4 HANA 1709 SERVER INSTALLATION

### Primary Application Server Instance and ABAP Central Services Instance

Enter the required parameters for the primary application server (PAS) instance and for the ABAP central services (ASCS) instance.

**PAS and ASCS Instance**

The following SAP system instances already exist on this host:

	SAP System ID (SAPSID)	Instance Name	Instance Number
1	SF1	D02	02
2	SF1	ASCS03	03

\*PAS Instance Number

00

\*PAS Instance Host

ripplesbw

\*ASCS Instance Number

01

\*ASCS Instance Host Name

ripplesbw

**Additional Information**  
The *Instance Number* and *Host Name* are technical identifiers for controlling internal processes, such as assigned memory. The *Host Name* can be either the physical host name or one of the virtual host names. In a High Availability system installation, use a virtual host name.

### ABAP Message Server Ports and Transport Host

Enter the required message server ports and transport host.

**ABAP Message Server Ports**

\*ABAP Message Server Port

3601

\*Internal ABAP Message Server Port

3901

**Transport Host**

\*Host with Transport Directory

ripplesbw


**Additional Information**  
The instance-specific *Internal ABAP Message Server Port* for internal communication and the *ABAP Message Server Port* unique communication channels.  
By default, the installer creates the transport directory on the global host (**UNIX:** /usr/sap/trans, **Windows:** \usr\sap\trans) transport directory located on a host other than the default host.

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## S/4 HANA 1709 SERVER INSTALLATION

	<h3>ICM User Management for the SAP Web Dispatcher</h3> <p>Enter the password for the web administration user 'webadm' used by the SAP Web Dispatcher.</p> <div> <p><b>Internet Communication Manager (ICM) User Management</b></p> <p>*Password of 'webadm' <input type="password"/></p> <p>*Confirm <input type="password"/></p> <p><b>Additional Information</b> An administration user <i>webadm</i> is created to use the web administration interface for the Internet C Dispatcher.</p> <p>Back   Next   Cancel</p> </div>
	<h3>SLD Destination for the SAP System OS Level</h3> <p>Enter the destination of the System Landscape Directory (SLD).</p> <div> <p><b>Register in System Landscape Directory</b></p> <p><input type="radio"/> Use existing SLD for registration</p> <p><input checked="" type="radio"/> No SLD destination</p> <p><b>Connect Data for Existing SLD</b></p> <p><input type="checkbox"/> Use HTTPS</p> <p>*SLD Host <input type="text"/></p> <p>*SLD HTTP(S) Port <input type="text"/></p> <p>*SLD Data Supplier User <input type="text"/></p> <p>*Password of SLD Data Supplier User <input type="password"/></p> <p><b>Additional Information</b> The System Landscape Directory (SLD) should register the installed software of your entire system landscape. T configured in the file system and can be used by the SAP application server kernel as described in the SAP Note you have completed this configuration, the sapstartsrv data supplier is enabled to send operating system informa After installation has finished, you perform the <b>technical configuration</b> as described in the installation guide to c of the SAP NetWeaver application server.</p> </div>


## S/4 HANA 1709 SERVER INSTALLATION

	<div> <h3>Message Server Access Control List</h3> <p>Specify if you want to have a message server Access Control List (ACL) created.</p> <div> <p><b>Message Server Access Control List</b></p> <p> <input type="radio"/> Create Message Server Access Control List  <input checked="" type="radio"/> Do not create Message Server Access Control List </p> <p><b>Additional Information</b></p> <p>The ACL is created as a file in the /&lt;sapmnt&gt;/&lt;SAPSID&gt;/global directory. If it exists, it defines the hosts from which requests.</p> <p><b>Caution:</b> Only trigger the creation of this file if you do not plan to install any additional instances for this system. W you overwrite existing settings and prevent instances from being installed on additional hosts.</p> <p>If you decide to install an additional instance later, you need to remove this file manually before the installation and installation of the additional instance.</p> <p>For more information, see the information about ms/acl_info in SAP Notes <a href="#">1495075</a> and <a href="#">826779</a></p> </div> <div> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </div> </div>

## S/4 HANA 1709 SERVER INSTALLATION

	<div style="background-color: #e6f2ff; padding: 10px; border: 1px solid #add8e6;"> <h3 style="color: #ff8c00; margin: 0;">Additional Components to be Included in the ASCS Instance</h3> <p style="color: #000080; margin: 5px 0 0 20px;">Choose the additional components you want to have installed in the ASCS instance.</p> <div style="background-color: #e6f2ff; padding: 10px; border: 1px solid #add8e6; margin: 10px 0;"> <p><b>Enable Additional Components</b></p> <p><input type="checkbox"/> Install an SAP Web Dispatcher integrated in the ASCS instance</p> <p><input type="checkbox"/> Install a Gateway integrated in the ASCS instance</p> <p><b>Additional Information</b></p> <p>If you choose <i>Install an SAP Web Dispatcher integrated in the ASCS instance</i>, an SAP Web Dispatcher separate SAP Web Dispatcher instance is created. This is recommended if you want to use the SAP Web Dispatcher for another system - that is, an SAP Web Dispatcher for another system - you can also install SAP Web Dispatcher separately. See the documentation <i>Installing a SAP Web Dispatcher for SAP Systems Based on SAP NetWeaver 7.1 to 7.5</i> at <a href="https://support.sap.com/sitool">https://support.sap.com/sitool</a>.</p> <p>If you choose <i>Install a Gateway integrated in the ASCS instance</i>, a Gateway is installed in the ASCS instance. A Gateway integrated in the ASCS instance is recommended, for example, when the Gateway is required for other purposes, you can also install a standalone Gateway instance. See the documentation <i>Installing a Standalone Gateway Instance for SAP Systems Based on SAP NetWeaver 7.1 to 7.5</i> at <a href="https://support.sap.com/sitool">https://support.sap.com/sitool</a>.</p> <p><b>Caution:</b> In Microsoft Failover Cluster installations, do not install a standalone Gateway on cluster. See <a href="#">Note 1764650</a>.</p> </div> <div style="background-color: #d9e1f2; padding: 5px; border: 1px solid #add8e6; margin-top: 10px;"> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>Back</span> <span>Next</span> <span>Cancel</span> </div> </div> </div>
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## S/4 HANA 1709 SERVER INSTALLATION

	<h3>Secure Storage Key Generation</h3> <p>Decide whether you want to generate an individual key for the secure storage of the SAP system.</p> <p><b>Secure Storage Individual Key Information</b></p> <p> <input checked="" type="radio"/> Individual Key (Recommended for Productive Systems)  <input type="radio"/> Default Key         </p> <p><b>Additional Information</b></p> <p>You can choose between using an <i>Individual Key</i> for the encryption of confidential data or keep only.</p> <ul style="list-style-type: none"> <li>New installation from scratch, target system installation for system copy, or system rename: If you choose <i>Individual Key (Recommended for Productive Systems)</i>, you must back up <b>before</b> it is used to encrypt the secure storage in the file system.</li> <li>New installation from scratch: The key is also used to encrypt the secure storage in the database.</li> </ul> <p>For more information, see the installation, system copy, system rename guides for SAP system: ABAP for your operating system platform at: <a href="https://support.sap.com/sitoolset">https://support.sap.com/sitoolset</a> -&gt; System Provisioning</p> <p> <input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/> </p>
	<h3>Warning</h3> <p><b>The secure storage will be encrypted with the following key:</b></p> <p> <b>Key ID:</b> 20171206_164059_S4H_INSTALLER  <b>Key Value:</b> 0133645553AFF0A8C949DAAF72BC3DDD2DDC598312A0B065ED48408D90         </p> <p><b>Caution:</b> Before choosing OK, make a backup of the <i>Key ID</i> and of the 58-character <i>Key Value</i> for recovery.</p> <p>When you are in the process of system installation and want to use this system as source for a system copy, provide this backup to restore access to the encrypted data in the copied system.</p> <p>Choose <i>Cancel</i> to return to the secure storage dialog without change.</p> <p> <input type="button" value="Cancel"/> <input type="button" value="Ok"/> </p>

## S/4 HANA 1709 SERVER INSTALLATION

1

Define Parameters

2

Review Parameters

3

Execute Service

4

Service Completed

### Parameter Summary

Choose 'Next' to start with the values shown. Otherwise, select the parameters to be changed and choose 'Revise'. You are then guided through other screens that have so far been processed.

Parameter List

☐ Parameter Settings

Parameter Mode

☐ Typical

☒ Custom

☐ General SAP System Parameters

1

Define Parameters

2

Review Parameters

3

Execute Service

4

Service Completed

4%

Process is in running state

Cancel

## S/4 HANA 1709 SERVER INSTALLATION

Type	Status	Name
	✓	Review Input
	▶	Execute Service
	✓	Standard System
	✓	Update system dlls
	✓	Update system dlls
	▶	Create users for SAP system
	⌚	Install common system files
	⌚	Unpack SAP archives
	⌚	Install SAP HANA Database Client
	⌚	Create and load database
	⌚	Create database schema: DBACOCKPIT

## S/4 HANA 1709 SERVER INSTALLATION

1 Define Parameters
2 Review Parameters
3 **Execute Service**
4 Service Completed

55% **Process is in running state**  
Import Monitor jobs: running 6, waiting 2, completed 51, failed 0, total 59.

Cancel

Type	Status	Name
	✓	Create and load data
	✓	Create database schema
	✓	Create database schema
	✓	Setup database connection
	✓	Setup database connection
	✓	Perform SAP HANA
	✓	Update system details
	▶	Import ABAP

1 Define Parameters
2 Review Parameters
3 **Execute Service**
4 Service Completed

80% **Process is in running state**  
Starting S4H/D00 [ABAP: UNKNOWN]. Elapsed time: 0:00 minutes...

Cancel

Type	Status	Name
	✓	Import ABAP
	✓	Perform post-load activities
	✓	Perform SAP HANA
	✓	Install primary application
	✓	Install instance base
	✓	Create ICM userstore
	✓	Configure SLD Destination
	▶	Start instance

1 Define Parameters
2 Review Parameters
3 **Execute Service**
4 Service Completed

85% **Process is in running state**  
Executing ABAP report RUTTYPSET...

Cancel

Type	Status	Name
	✓	Configure SLD Destination
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	▶	Perform table depooling (RUTPOADAPT)
	⌚	Recreate CGTTs (RSDB4FIXCGTTs)
	⌚	CDS views

1 Define Parameters
2 Review Parameters
3 **Execute Service**
4 Service Completed

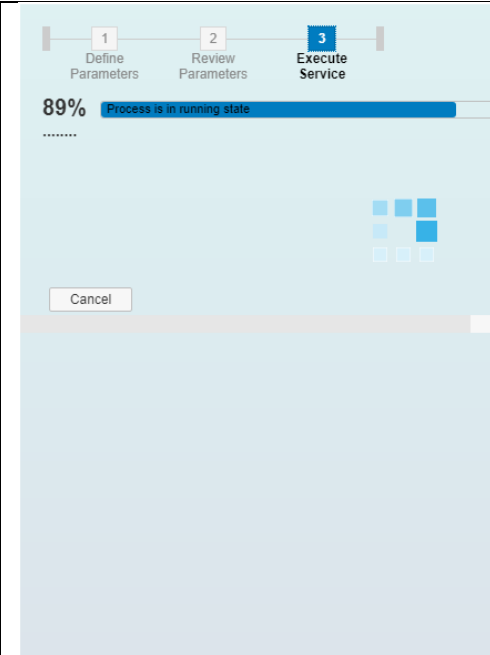
89% **Process is in running state**  
Executing ABAP program RUTDDLSCREATE (batch job Create\_CDS\_views), this might take a while...

Cancel

Type	Status	Name
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	✓	Perform table depooling (RUTPOADAPT)
	✓	Recreate CGTTs (RSDB4FIXCGTTs)
	✓	CDS views
	✓	Create functions for CDS views (RUTCNVFUNCC...)
	▶	Create DDL views (RUTDDLSCREATE). This mig...
	⌚	Run Additional ABAP Reports
	⌚	Restart instance



## S/4 HANA 1709 SERVER INSTALLATION

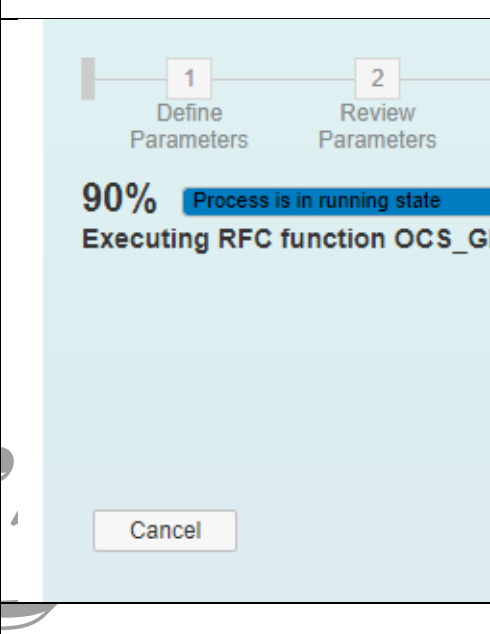


89% Process is in running state

Cancel

Type	Status	Name
✓	✓	Start instance
✓	✓	ABAP post installation activities
✓	✓	Check DDIC password
✓	✓	Run ABAP reports
✓	✓	Perform table depooling (RUTPOADAPT)
✓	✓	Recreate CGTTs (RSDB4FIXCGTTS)
✓	✓	CDS views
✓	✓	Create functions for CDS views (RUTCNVFUNCC...
▶	▶	Create DDL views (RUTDDLSCREATE). This mig...
⌚	⌚	Run Additional ABAP Reports
⌚	⌚	Run Additional ABAP Reports
⌚	⌚	Activate ICF Service (HTTP_ACTIVATE_NODE.S...
⌚	⌚	Integrate liveCache
⌚	⌚	Service Completed
⌚	⌚	Service Completed

Refresh

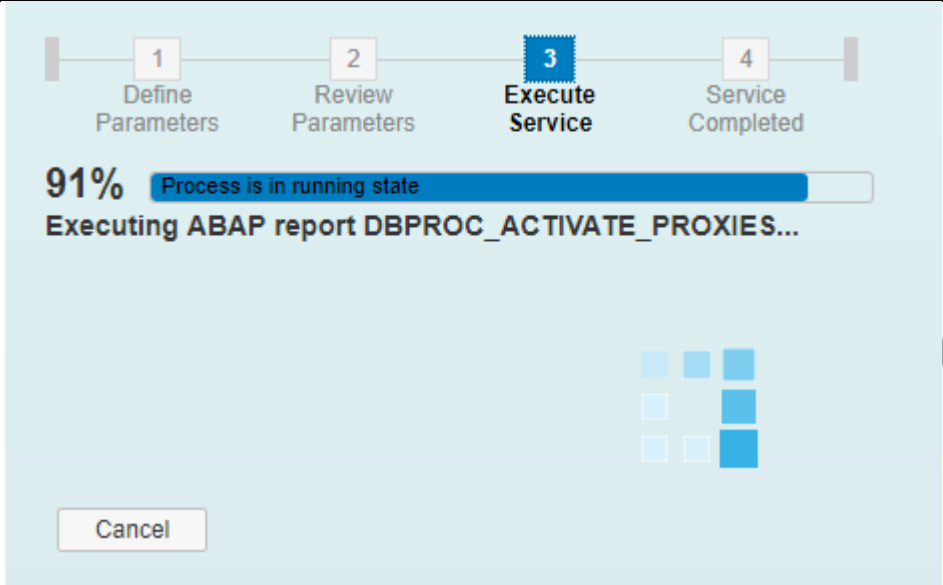


90% Process is in running state

Executing RFC function OCS\_GET\_INSTALLED\_COMPS...

Cancel

## S/4 HANA 1709 SERVER INSTALLATION

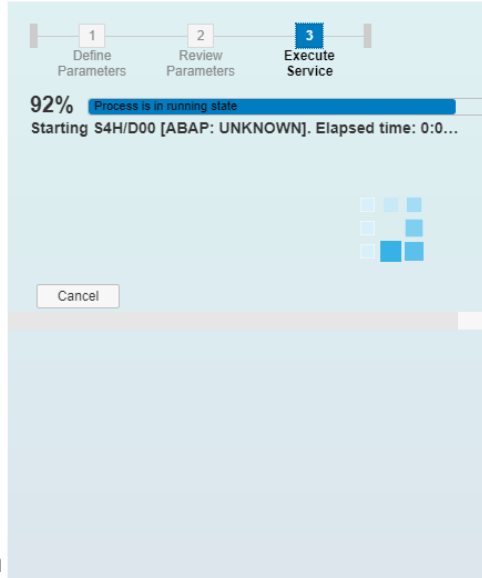


1 Define Parameters    2 Review Parameters    **3 Execute Service**    4 Service Completed

91% Process is in running state

Executing ABAP report DBPROC\_ACTIVATE\_PROXIES...

Cancel



1 Define Parameters    2 Review Parameters    **3 Execute Service**

92% Process is in running state

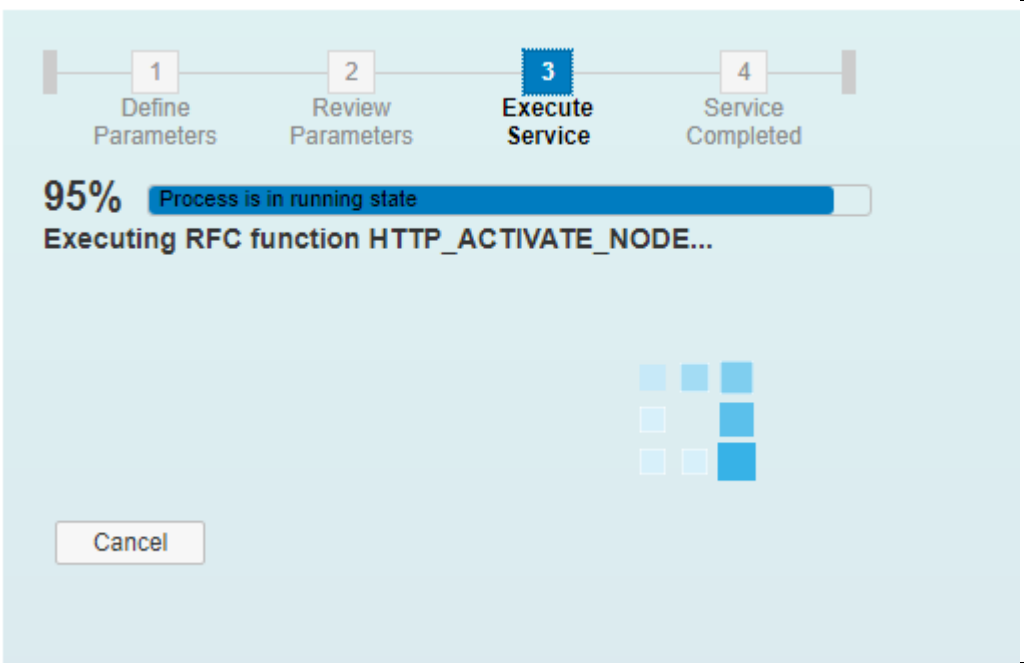
Starting S4H/D00 [ABAP: UNKNOWN]. Elapsed time: 0:0...

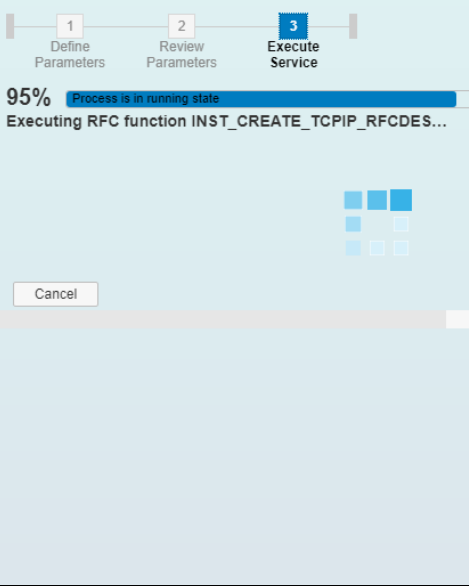
Cancel

Type	Status	Name
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	✓	Perform table depooling (RUTPOADAPT)
	✓	Recreate CGTTs (RSDDB4FIXCGTTS)
	✓	CDS views
	✓	Create functions for CDS views (RUTCNVFUNC...)
	✓	Create DDL views (RUTDDLSCREATE). This mig...
	✓	Run Additional ABAP Reports
	▶	<b>Restart instance</b>
	🕒	Activate ICF Service (HTTP_ACTIVATE_NODE,S...
	🕒	Integrate liveCache

Refresh

## S/4 HANA 1709 SERVER INSTALLATION





Type	Status	Name
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	✓	Perform table depooling (RUTPOADAPT)
	✓	Recreate CGTTs (RSDB4FIXCGTTS)
	✓	CDS views
	✓	Create functions for CDS views (RUTCNVFUNC...)
	✓	Create DDL views (RUTDDLSCREATE). This mig...
	✓	Run Additional ABAP Reports
	✓	Restart instance
	▶	Activate ICF Service (HTTP_ACTIVATE_NODE.S...
	⌚	Integrate liveCache

## S/4 HANA 1709 SERVER INSTALLATION

1 Define Parameters    2 Review Parameters    **3 Execute Service**

**97%** Process is in running state  
Executing RFC function OCS\_SET\_INSTALLED\_SWPRO...

Cancel

Type	Status	Name
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	✓	Perform table depooling (RUTPOADAPT)
	✓	Recreate CGTTs (RSDB4FIXCGTTs)
	✓	CDS views
	✓	Create functions for CDS views (RUTCNVFUNCC...
	✓	Create DDL views (RUTDDLSCREATE). This mig...
	✓	Run Additional ABAP Reports
	✓	Restart instance
	▶	Activate ICF Service (HTTP_ACTIVATE_NODE,S...

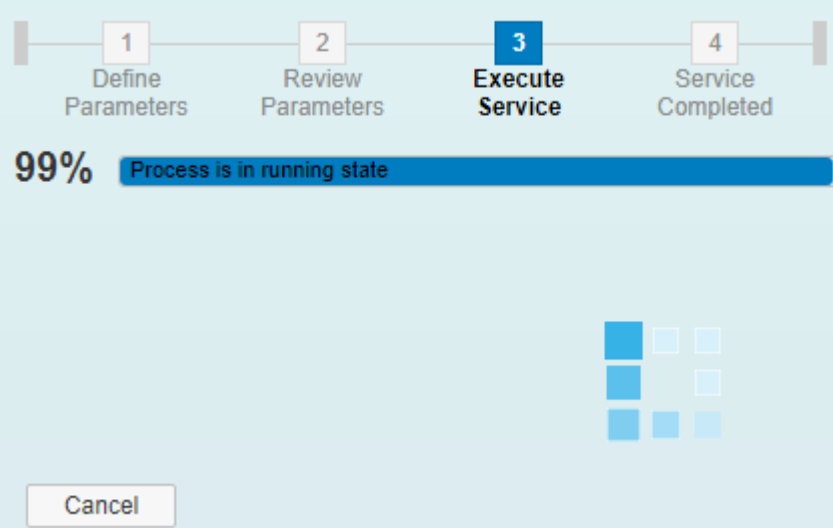
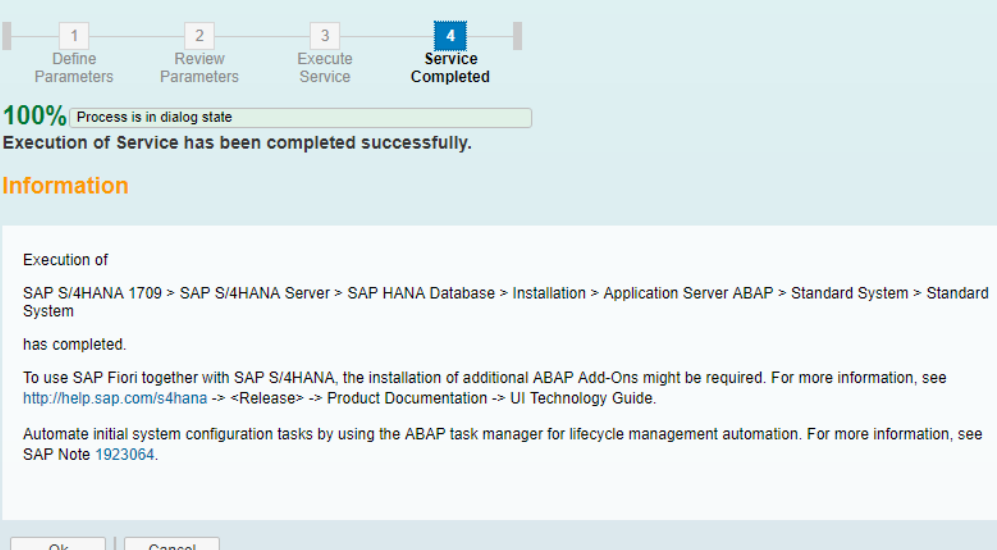
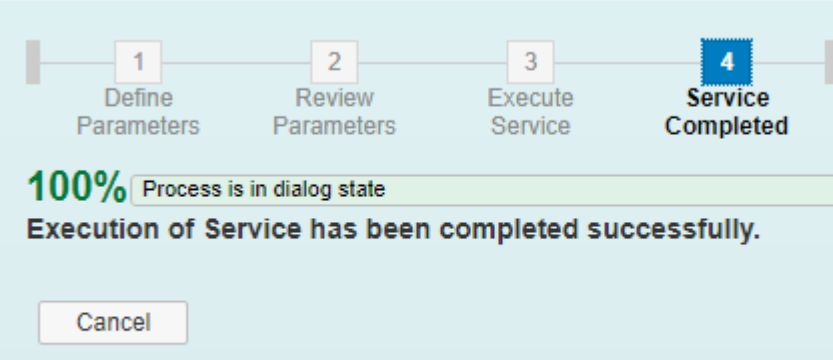
Refresh

1 Define Parameters    2 Review Parameters    **3 Execute Service**    4 Service Completed

**98%** Process is in running state  
Executing RFC function SECSTORE\_IMPORT\_KEY...

Cancel

## S/4 HANA 1709 SERVER INSTALLATION

	 <p>The progress bar shows four steps: 1. Define Parameters, 2. Review Parameters, 3. Execute Service (highlighted), and 4. Service Completed. The progress is at 99% with the text 'Process is in running state'. A 'Cancel' button is at the bottom.</p>
	 <p>The dialog shows the progress bar with step 4 'Service Completed' highlighted. The progress is at 100% with the text 'Process is in dialog state' and 'Execution of Service has been completed successfully.' Below this is an 'Information' section with the following text:</p> <p>Execution of SAP S/4HANA 1709 &gt; SAP S/4HANA Server &gt; SAP HANA Database &gt; Installation &gt; Application Server ABAP &gt; Standard System &gt; Standard System has completed.</p> <p>To use SAP Fiori together with SAP S/4HANA, the installation of additional ABAP Add-Ons might be required. For more information, see <a href="http://help.sap.com/s4hana">http://help.sap.com/s4hana</a> -&gt; &lt;Release&gt; -&gt; Product Documentation -&gt; UI Technology Guide.</p> <p>Automate initial system configuration tasks by using the ABAP task manager for lifecycle management automation. For more information, see SAP Note 1923064.</p> <p>Buttons: Ok, Cancel</p>
	 <p>The progress bar shows four steps: 1. Define Parameters, 2. Review Parameters, 3. Execute Service, and 4. Service Completed (highlighted). The progress is at 100% with the text 'Process is in dialog state' and 'Execution of Service has been completed successfully.' A 'Cancel' button is at the bottom.</p>

## S/4 HANA 1709 SERVER INSTALLATION

1 Define Parameters

2 Review Parameters

3 Execute Service

100% Process is in dialog state

Execution of Service has been completed successfully.

Cancel

Type	Status	Name
	✓	Start instance
	✓	ABAP post installation activities
	✓	Check DDIC password
	✓	Run ABAP reports
	✓	Perform table depooling (RUTPOADAPT)
	✓	Recreate CGTTs (RSDB4FIXCGTTS)
	✓	CDS views
	✓	Create functions for CDS views (RUTCNVFUNC...)
	✓	Create DDL views (RUTDDLSCREATE). This mig...
	✓	Run Additional ABAP Reports
	✓	Restart instance
	✓	Activate ICF Service (HTTP_ACTIVATE_NODE.S...
	✓	Integrate liveCache
	◇	Service Completed
	◇	Service Completed

1 Define Parameters

2 Review Parameters

3 Execute Service

4 Service Completed

100% Process is in finished state

Execution of Service has been completed successfully.

✓ The process execution is finished successfully

Exit

## S/4 HANA 1709 SERVER INSTALLATION

[illegible]

## S/4 HANA 1709 SERVER INSTALLATION


Ripples Info