



HPE Deployment Accelerator Service for ConvergedSystem 300 for Microsoft Analytics Platform

HPE Consulting and Integration Services

The HPE Deployment Accelerator Service for ConvergedSystem 300 for Microsoft® Analytics Platform is a packaged service ordered together with the appliance and helps customers with successful deployment, configuration, and integration. After HPE Technical Services (TS) has installed the appliance into your data center and connected it to power, HPE TS Consulting will configure the ConvergedSystem 300 for Microsoft Analytics Platform and the data loading or backup server, connect them to your network, configure the 5120 Ethernet switches to your specifications, and test the system using TPC-H test data, which HPE will generate. As an option, we will also configure the HPE Insight Remote Support (IRS) server or VM, and connect and configure the ConvergedSystem 300 for Microsoft Analytics Platform to the IRS server. As part of this service, we will also explain the operational management of the system, demonstrate the backup and restore procedures of the data, and hand over operations to your organization.

Service benefits

- The HPE Deployment Accelerator Service for ConvergedSystem 300 for Microsoft Analytics Platform operationalizes the system
- The HPE Deployment Accelerator Service for ConvergedSystem 300 for Microsoft Analytics Platform offers a faster time to operations by guiding you through your first steps with the appliance

Service feature highlights

- Startup and appliance validation
- IP reconfiguration if factory settings need to be changed
- Ethernet 5210 switch configuration, depending on survey sheet and customer network integration requirements
- Demonstration of connectivity to the ConvergedSystem 300 for Microsoft Analytics Platform Web-based administration console
- Configuration of the data loading/backup server with Windows® 2012 Std., Mellanox IB card drivers, and IP configuration settings
- Installation of client tools and Microsoft SQL Server Data Tools (SSDT), and testing of data loading server connectivity with the ConvergedSystem 300 for Microsoft Analytics Platform
- Generate and load line items TPC/H test data
- Execute test queries on the line items test table
- Optionally create SQL Server users and roles
- Demonstration of a backup and restore operation of the test database on the data loading or backup server
- Optionally install and configure HPE Insight Remote Support on a server and configure the ConvergedSystem 300 for Microsoft Analytics Platform in order to connect to it
- Hand over operations to the customer

Table 1. Service features

Feature	Delivery specifications
Startup and appliance validation	Startup and appliance validation.
IP and network configuration	Optionally reconfigure the IP addresses and network configuration if the factory settings need to be changed and integrate the ConvergedSystem 300 for Microsoft Analytics Platform into the Customer's network.
Ethernet 5210 switch configuration	Configure customer VLAN and, if needed, reconfigure the Ethernet 5210 switches for IRF and/or STP in order to integrate with the Customer's network switches.
Connect to the CS300 for Microsoft Analytics Platform Web-based administration console	Using the data loading or backup server, or using a PC or workstation inside the customer's network, test and show connectivity to the ConvergedSystem 300 for Microsoft Analytics Platform Web-based administration console.
Configure data loading/backup server	Configure the loading-backup server with Windows Server 2012 Std, and integrate them with the Microsoft Analytics Platform using an InfiniBand connection.
Install client tools and SSDT	Install ConvergedSystem 300 for Microsoft Analytics Platform client tools and Microsoft SQL Server Data Tools on the data loading and backup server for connectivity testing.
Generate and load TPC/H test data	Generate TPC-H lineitems.tbl of sufficient size on the data-loading server with DbGen.exe, and load the test data into the ConvergedSystem 300 for Microsoft Analytics Platform database and table with DWLoader.
Execute test queries	Execute a number of queries on the TPC-H line items table and compare them with reference query times.
Backup/Restore	Show the Customer how to perform a full and incremental backup of the ConvergedSystem 300 for Microsoft Analytics Platform test database onto the designated loading/backup server and demonstrate a restore of that database.
Hand over	Hand over operations to Customer.

Table 2. Optional service features

Feature	Delivery specifications
Create SQL users and roles	If requested, demonstrate how to create the logins for database users to access the ConvergedSystem 300 for Microsoft Analytics Platform, and how to put them in security roles using SQL Server authentication, or how to use Windows Domain authentication.
Optionally install HPE Insight Remote Support	If requested, install and configure the HPE Insight Remote Support tools on a separate server or Hyper-V VM, and configure and test the ConvergedSystem 300 for Microsoft Analytics Platform connectivity to HPE Insight Remote Support.

Service limitations

This service is not meant for migrating an existing data warehouse. It is a fixed-price service and, as a result, will use predictable test data and test methods on that data. A separate proposal with a custom Statement of Work (SOW) can be made for migrating an existing data warehouse to the ConvergedSystem 300 for Microsoft Analytics Platform. We offer the HPE Migration Assessment for ConvergedSystem 300 for Microsoft Analytics Platform, which can help the Customer determine the effort involved in migrating such an existing data warehouse.

This service is not meant for providing a business requirements analysis and schema design of a data warehouse in the event that a new data warehouse needs to be created. A separate custom proposal with an SOW can be created for designing and deploying a new data warehouse.

Prerequisites

This service must be delivered on an HPE ConvergedSystem 300 for Microsoft Analytics Platform that is accessible and has been installed into the Customer's data center by HPE Technology Services.

Customer responsibilities

The Customer will ensure that:

- The key stakeholders and IT staff responsible for managing the SQL Server Parallel Data Warehouse (PDW) are present and ready to answer questions about the deployment of the data warehouse
- The staff members responsible for operations are present during the testing of the operational management features and backup and restore of the appliance
- The staff members responsible for managing access to the PDW tables and data are present during the user and role creation process

General provisions/Other exclusions

Extra travel charges may apply in some geographic locations. Please contact your local HPE representative for details.

Ordering information

This service is part of a ConvergedSystem 300 for Microsoft Analytics Platform order for different configurations, starting with a base scale unit up to one full rack of eight scale units and has the following product number: H6K70A1

For more information

For more information on Hewlett Packard Enterprise support services, contact any of our worldwide sales offices or visit the following website:

<https://www.hpe.com/tr/en/services/consulting/it-infrastructure.html>