strata cloud

SDI INSTALL

Simplify Day Zero Infrastructure Installation

StrataCloud significantly reduces the time and expertise required to install new infrastructure. By streamlining and automating key processes, StrataCloud enables your team to consistently deploy high-quality solutions, speed delivery to customers and increase total transaction volume.
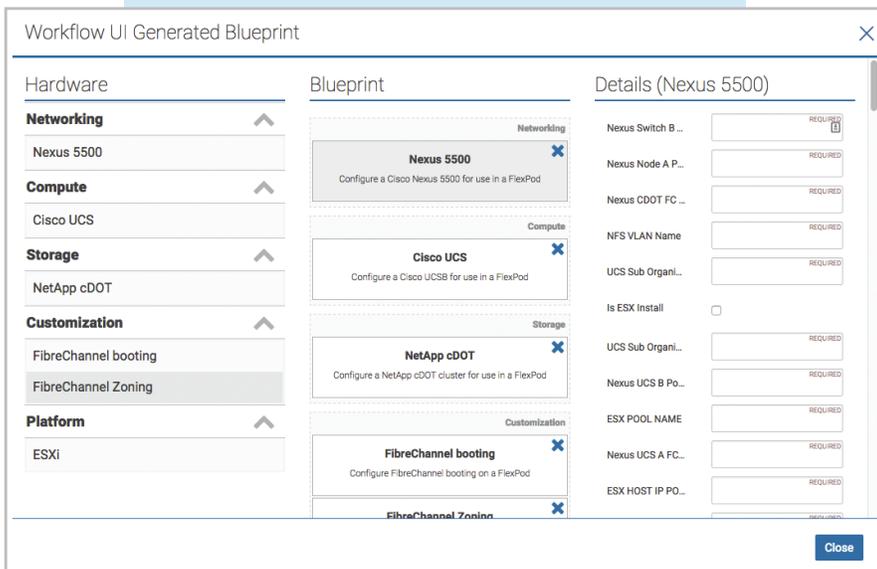
ACCELERATE TIME TO VALUE

Centrally define and access best practices:

Installers have a repository of blueprints – validated designs and reference architectures that serve as best practices documents. StrataCloud codifies and stores this IP centrally so blueprints can be reused in a plug-and-play fashion to speed new infrastructure configurations.

Run multiple installation projects simultaneously:

StrataCloud merges blueprints with answer files to create project files. StrataCloud automatically populates the parameters required for each installation. Parameters become editable fields within the project file so you can quickly find and edit any that need to be changed, launch configuration and move on to the next workflow.

Workflow UI Generated Blueprint

Hardware	Blueprint	Details (Nexus 5500)
Networking	Networking	Nexus Switch B ... — REQUIRED
Nexus 5500	**Nexus 5500** — Configure a Cisco Nexus 5500 for use in a FlexPod	Nexus Node A P... — REQUIRED
Compute	Compute	Nexus CDOT FC ... — REQUIRED
Cisco UCS	**Cisco UCS** — Configure a Cisco UCSB for use in a FlexPod	NFS VLAN Name — REQUIRED
Storage		UCS Sub Organi... — REQUIRED
NetApp cDOT	Storage	Is ESX Install
Customization	**NetApp cDOT** — Configure a NetApp cDOT cluster for use in a FlexPod	UCS Sub Organi... — REQUIRED
FibreChannel booting	Customization	Nexus UCS B Po... — REQUIRED
FibreChannel Zoning	**FibreChannel booting** — Configure FibreChannel booting on a FlexPod	ESX POOL NAME — REQUIRED
Platform		Nexus UCS A FC... — REQUIRED
ESXi	**FibreChannel Zoning**	ESX HOST IP PO... — REQUIRED

Close

INCREASE TRANSACTION VOLUME

Automate infrastructure configuration:

StrataCloud empowers a single individual to configure infrastructure from start to finish. By automating configuration of all variables across network, compute and storage hardware, StrataCloud reduces configuration time from days to minutes and eliminates the need for subject-matter expertise during configuration – so installers can do more with less and experts are available for more complex projects.

Build repeatable processes:

StrataCloud documents each blueprint, parameter file and project file in your repository. Files can be separated by hardware component and reused, even for different configurations. For example, reuse a storage file for future configurations that call for different network and compute components. Your best practices repository grows each time a new file is built or added, creating repeatability for a growing number of configurations.

IMPROVE INSTALLATION QUALITY

Eliminate manual validation:

Once all variables have been selected, StrataCloud verifies that all hardware is in place, is wired correctly and can communicate properly. StrataCloud identifies any discrepancies and suggests appropriate remediation.

Standardize and reduce errors:

Easy-to-access best practices and automated validation ensure deployments are consistent. Architects are pointed to discrepancies in the design before configuration begins. A repository of best practices makes it simple to foster a standardized, repeatable deployment process.

LEARN MORE

To find out about how StrataCloud can help you accelerate day zero infrastructure installation, sign up for a demo: stratacloud.com/request-demo.

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