FIRST TIME DEPLOYMENT

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ABOUT ME

- Technical Communicator with 13+ years of experience in technical communication
- Postgraduate in Computer Application with domain knowledge in Enterprise Software, Finance, and e-learning
- Like to ideate various visual elements and implement them in our end product documentation
- Aspires to be a product evangelist someday
- Likes to experiment with different cuisines on a regular basis

WHAT'S ON THE PLATTER TODAY?

- **Visual Communication – The Frosting**
- **Visual Strategy – The Recipe**
- **Visual Elements – Butter and Sugar**
- **Application of Visual Element – The cake**

VISUAL COMMUNICATION

The Frosting

VISUAL COMMUNICATION IN DAILY LIFE

WHAT IS VISUAL COMMUNICATION

- Presentation of information through a visual aid.

- Visual communication partially or completely relies on vision and is primarily expressed as signs, typography, drawing, graphic design, and illustration.

- Visual communication takes place through pictures, graphs and charts, signals and symbols.

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

• End user challenges without visuals

• Results without visuals

• Results with visuals

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

End user challenges

- Information overload (textual content)
- Complex and long procedures
- Too many references to documents
- Difficulty in finding relevant information (search)

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

Complex concepts and tasks

Table 4-1. Accessibility Definitions

Roles	Applications	Mbeans	Server Class	Deployment	Admin
Super	Read Write*	Read Write	Read Write	Read Write	Read Write
Admin	No Access	No Access	No Access	No Access	Read Write
Manager	Read Write	Read Write	Read Write	Read Write	No Access
Observer	Read Only*	Read Only	Read Only	Read Only	Read Only
Appobserver	Read Only	No Access	No Access	No Access	No Access

*Read Write

User with Read Write access would be able to view all UI resources and perform all operations.

*Read Only

User with Read Only access would be able to only view UI resources.

Figure 4-2 shows a screen of the available UI resources for a Super user role.

Figure 4-2. Sample Image Showing Available UI Resources for Super Role

Super User Role

This role has Read Write access to all the features of the NSJSP Manager and can perform the following operations:

Applications

- Start, stop, or undeploy an web application.
- Preempt or persist sessions.

Figure 4-4. Sample Image Showing Available Resources for Appobserver Role

Appobserver User Role

This role has Read Only access to the Applications feature.

The NSJSP Manager defines the following access privileges called rights which are mapped to the various user roles:

Table 4-2. Definition of different access privileges

Rights	Description
App_view	View any web application information.
App_update	Change the state of any web application. This includes starting, stopping, or undeploying a web application. This privilege also includes persisting or stopping user sessions.
Cluster_view	View any server class information.
Cluster_update	Change the state of a server class. This includes starting, stopping, thawing, or freezing a server class.(check thawing and freezing.)
Mbeans_view	View any mbeans.
Mbeans_update	Change the state of mbeans which can include modifying an mbean attribute.
Deploy_view	View information required to deploy an application.
Deploy_update	Deploy an application.
Admin_view	View any container or context configuration information.
Admin_update	Create and modify new configuration elements, modify attributes of existing configuration element and deletion of configuration element.

To determine the rights of a logged in user, NSJSP Manager application looks up the rights-controller.properties mapping file located at the <NSJSP manager installation directory>/conf. The rights-controller.properties is a

Create remote snapshot

Prerequisites

- RMC-O license and Remote Copy license must be available on all registered HPE 3PAR StoreServ Storage systems.
- The remote copy group volumes must be in Synced and Started state.
- All RMC appliances and Oracle production servers (Primary and Target) must communicate with each other. It is optional to have network connectivity between target RMC VM and Oracle production server to create remote copy snapshot on the target RMC VM.
- Use RMC appliance NIC 0 IP address for creating a remote copy snapshot. If you have configured other NICs, use NIC 0 IP address and ensure that it is configured properly.
- The IP address of the RMC appliance must be added using the **Remote Appliances** feature in RMC. If the remote copy group is configured for synchronous long-distance configuration, add both RMC-O appliances. For more information, see Set up remote appliance. If you are using single RMC instance for all remote copy group modes, add the IP address of the local RMC appliance using the **Remote Appliances** feature.
- The source and target HPE 3PAR StoreServ must be added using the **Storage Systems** feature in RMC. This addition must be done for the local RMC-O appliance. If you are using single RMC instance, you must add source and target storage systems using the local **Storage Systems** feature in RMC.
- Primary or local and secondary or remote RMC-O servers must be correctly configured.
- Remote copy links among nodes within the servers must be set up and remote copy targets related to the servers must be created. RMC-O supports only the

  `mirror_config`

  policy (default) for the involved remote copy targets.
- For synchronous long-distance remote copy setups:

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

Results without visuals

- Bulky documents
- Increase in support call
- Increase in documentation maintenance
- Increased localization cost
- Unhappy customers
- Chances of losing business and customers

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

Results without visuals

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

Results with visuals

- Customer delight
- Complex scenarios made easy
- Increased information findability

NEED FOR VISUALS IN TECHNICAL COMMUNICATION

Results with visuals

HPE Synergy Document Overview (Documentation Map)

The documentation map organizes deliverables into different categories. Click on a green icon; a list of documents appears and the icon turns orange.

Planning — Installing hardware — Configuring for managing and monitoring — Managing — Monitoring — Maintaining — Troubleshooting — QR code

Mobile Content: HPE Quick labels (QR codes) appear on the hardware. You can scan these for immediate access to setup, installation, and other critical information.

HPE Enterprise Information Library: Search based tool to access user guides, technical documentation and other product collateral.

HPE Support Center: drivers, manuals and parts.

hpe.com/qref/synergy

HPE Recovery Manager Central Licensing

From the Hardware column, select the HPE primary storage array model you intend to use with RMC. From the license column, select the corresponding license option. You will see the required license purchase suggestion below the graphic based on your specified hardware and license combination.

Hardware	License	
3PAR 7000/10000	RM-X License available	RM-X License
3PAR 8000/20000	Legacy License	RM-V
3PAR 9000	Without All inclusive	RM-O
Nimble	With All inclusive	RM-S
		RM-E

Suggested Purchase

To use RMC with a 3PAR 7000/10000, please purchase a relevant RMC Suite SKU from the following list:

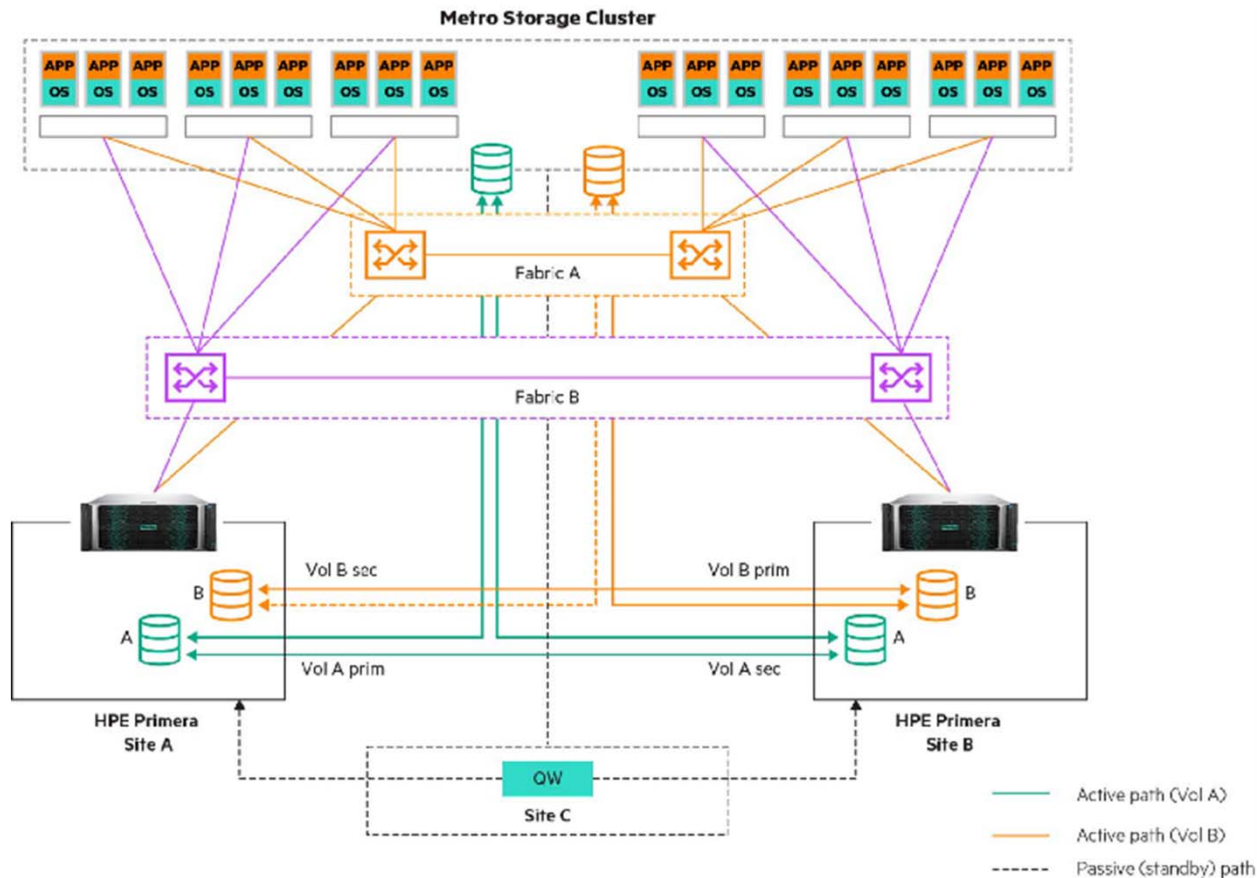| SKU*	Name
L9Q82A	HPE RMC Suite for 3PAR 72xx LTU
L9Q83A	HPE RMC Suite for 3PAR 74xx LTU
L9Q84A	HPE RMC Suite for 3PAR 10xxx LTU

*Use the SAID associated with the purchase of the relevant RMC Suite SKU to download the RMC software.
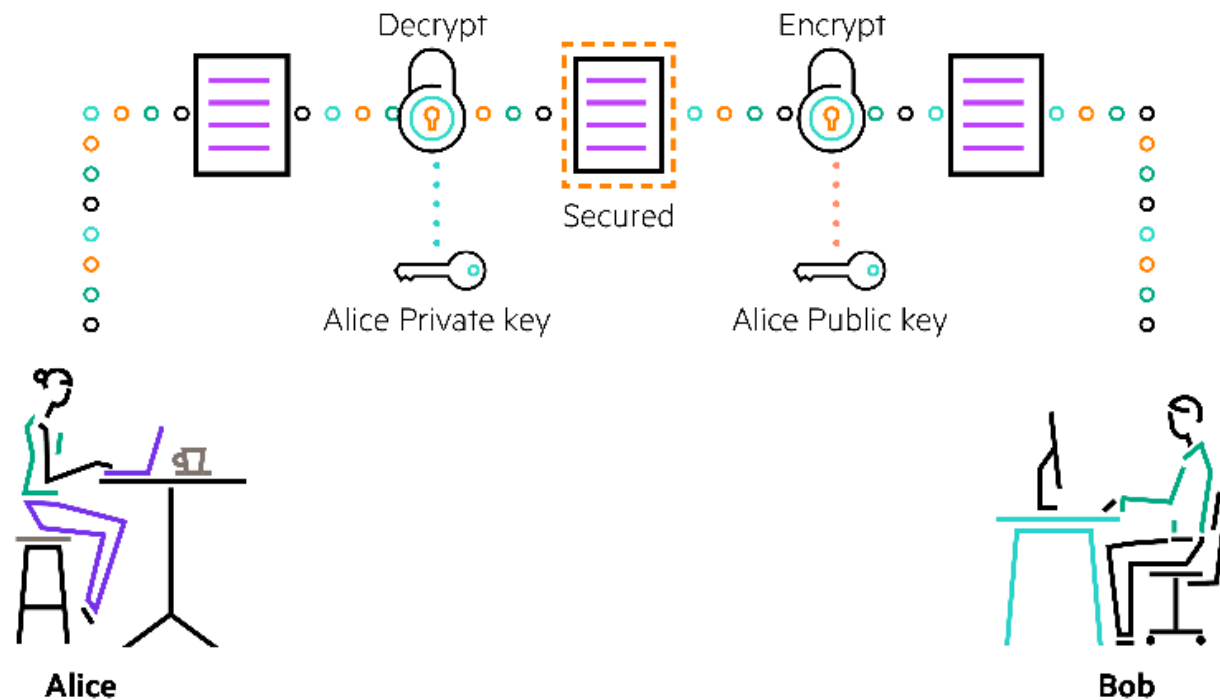
VISUAL ELEMENTS

Butter and sugar

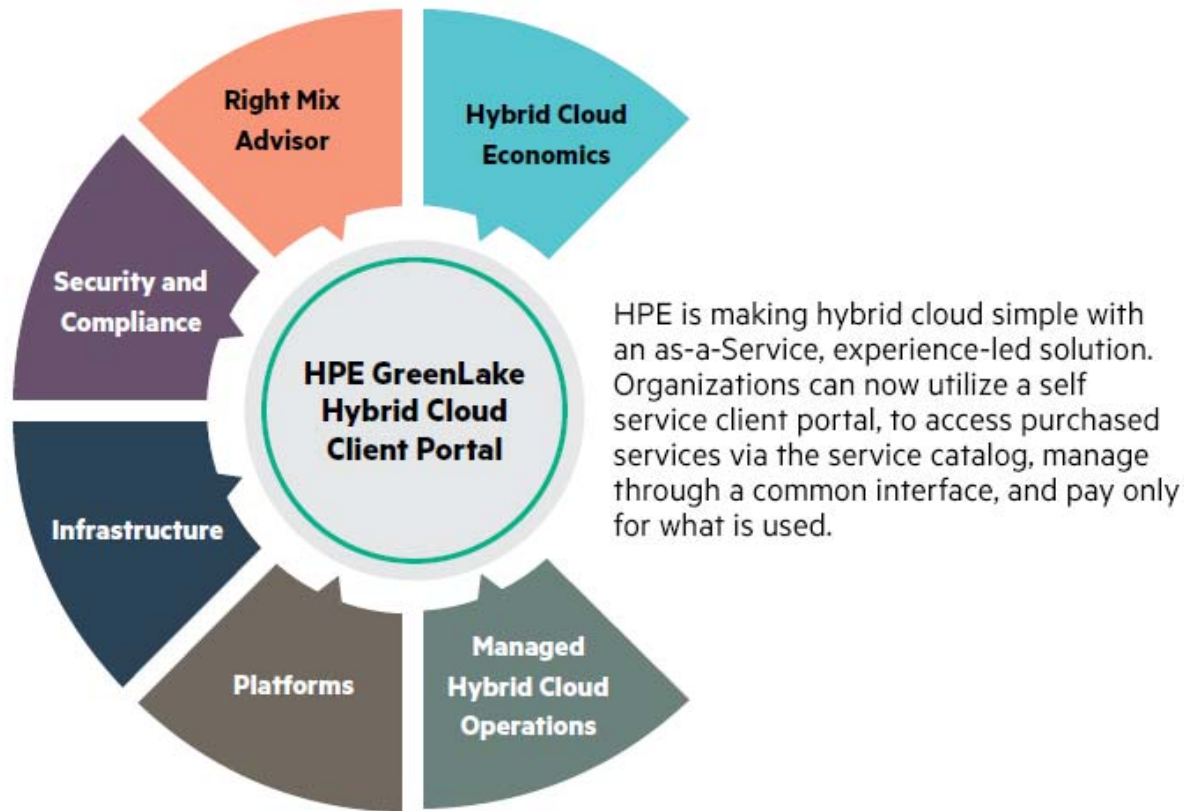# CONCEPTUAL DIAGRAM AND INFOGRAPHIC

- Conceptual diagrams, each with supporting infographics
- Shows multichassis server configurations with mixed "volatile" and "persistent" memory modules
- Each component provides additional information through a corresponding infograph

GRAPHIC: ANIMATED FIGURE

Decrypt

Encrypt

Secured

Alice Private key

Alice Public key

Alice

Bob

- HPE OneView: Certificate management
- Depicts the way a self signed certificate works in real time
- The figures communicate in the animation to bring out the underlying concept
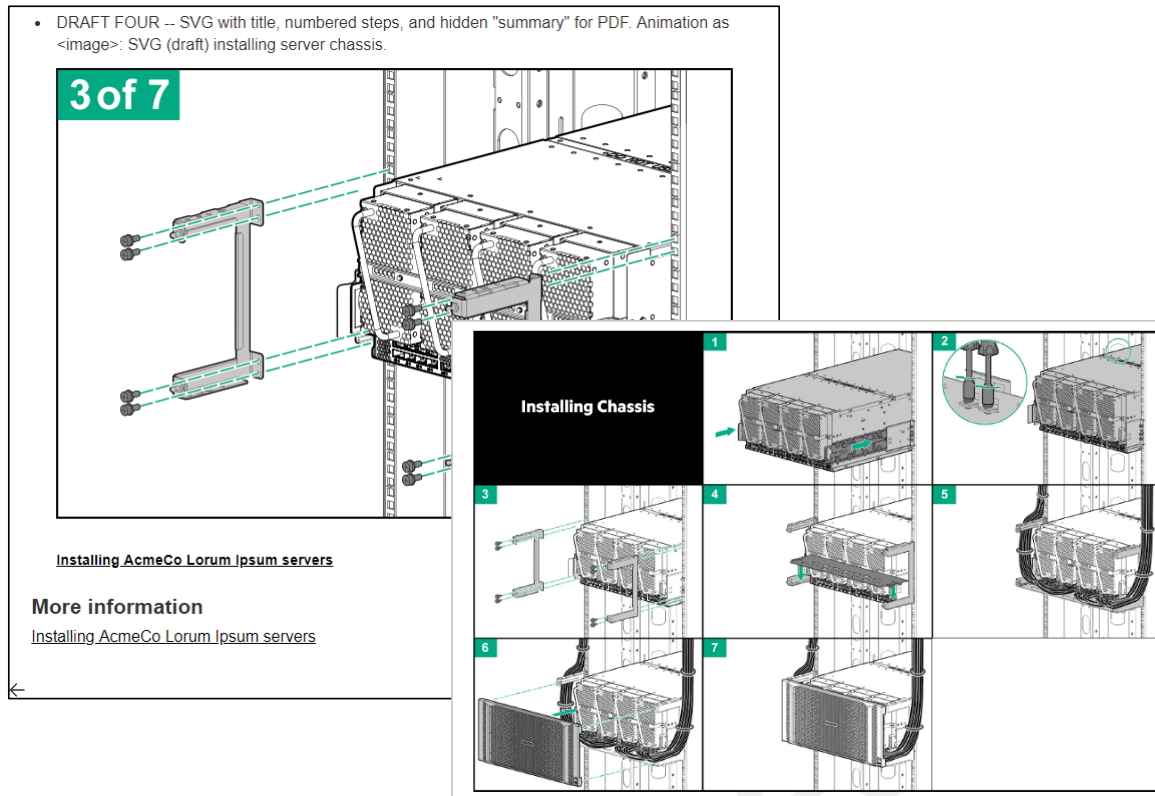
GRAPHIC: INTERACTIVE GRAPHICS

Right Mix Advisor

Hybrid Cloud Economics

Security and Compliance

Infrastructure

Platforms

Managed Hybrid Cloud Operations

HPE GreenLake Hybrid Cloud Client Portal

HPE is making hybrid cloud simple with an as-a-Service, experience-led solution. Organizations can now utilize a self service client portal, to access purchased services via the service catalog, manage through a common interface, and pay only for what is used.

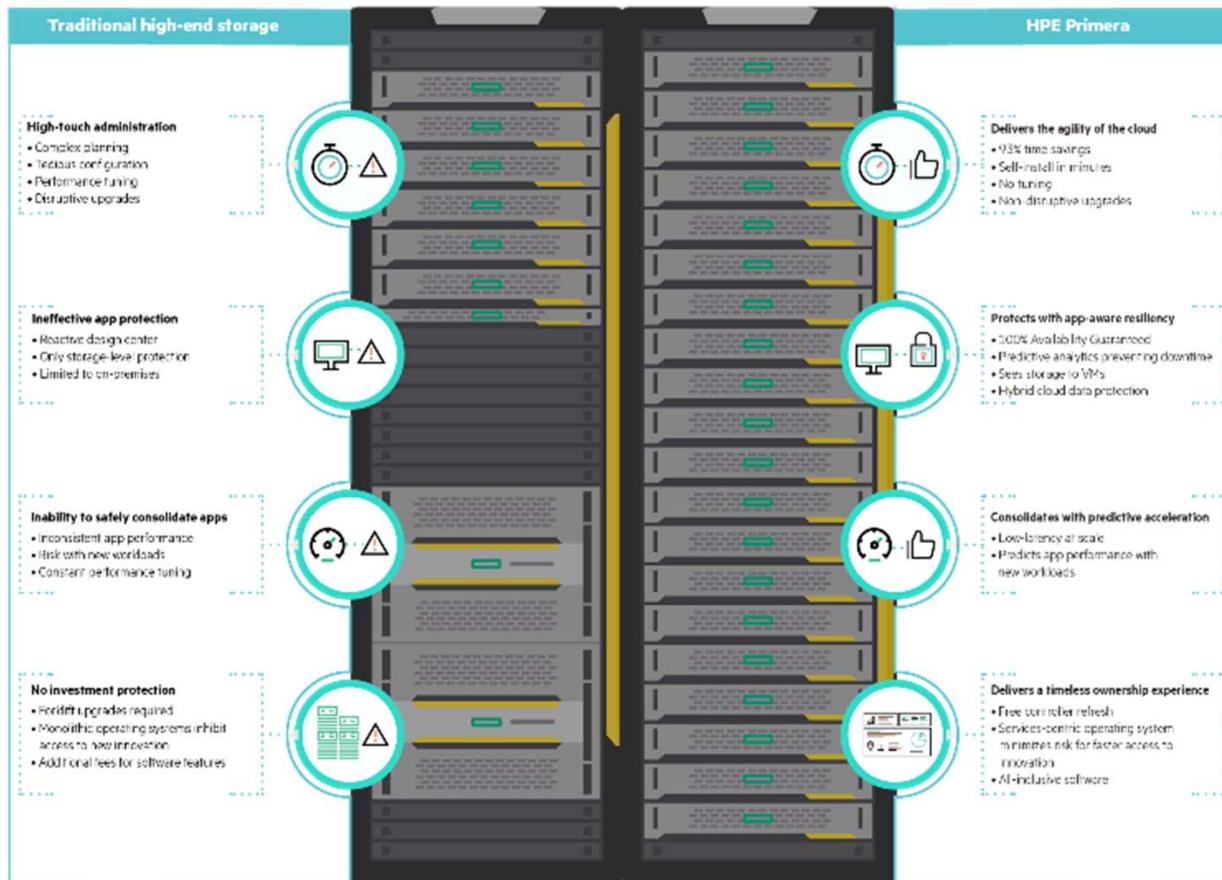Select a feature to learn more

- Client Portal for HPE GreenLake Hybrid Cloud
- A click on each of the features lists the corresponding information
- Simplification of information navigation
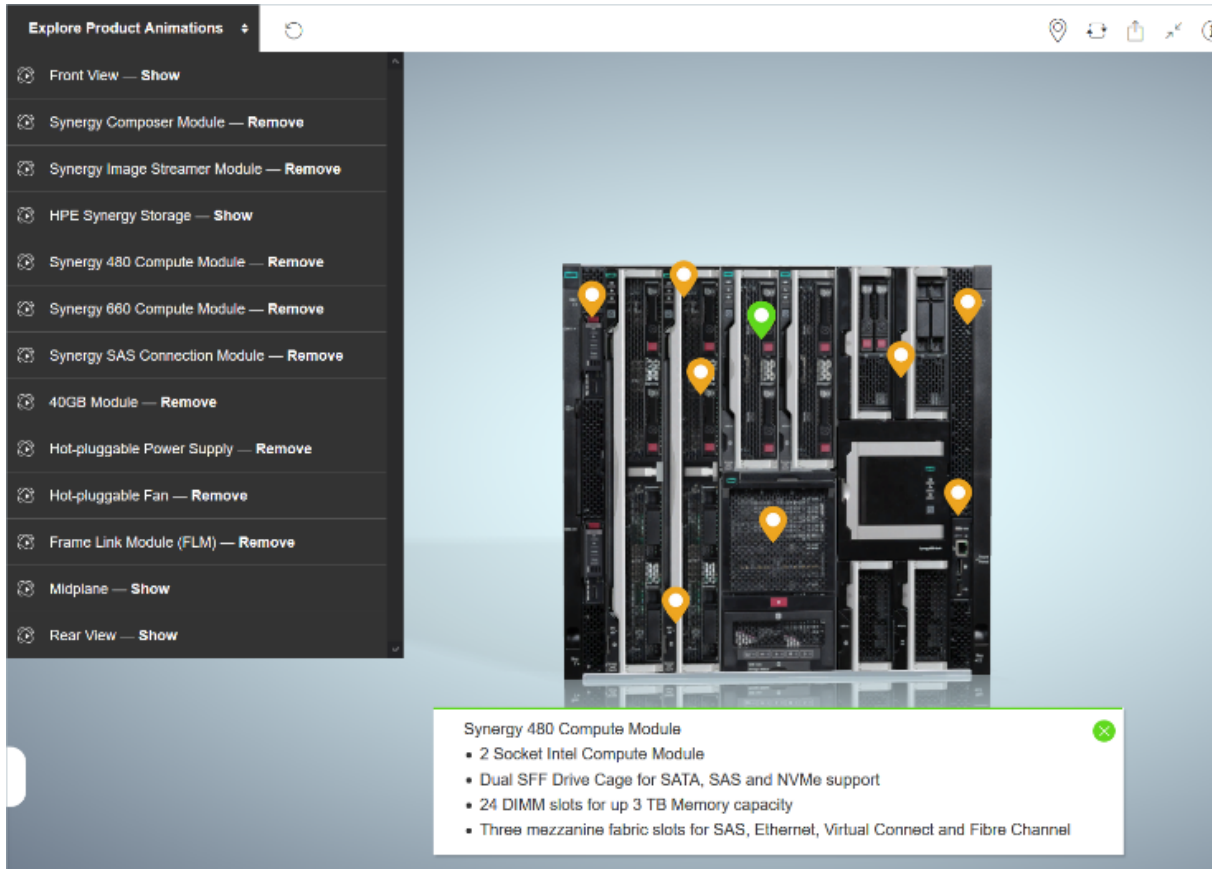
GRAPHIC: ANIMATED FIGURE

- DRAFT FOUR -- SVG with title, numbered steps, and hidden "summary" for PDF. Animation as <image>: SVG (draft) installing server chassis.

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Installing AcmeCo Lorum Ipsum servers

More information
Installing AcmeCo Lorum Ipsum servers

Installing Chassis

- Single SVG file in a topic as an <IMAGE>:
- Animation for HTML
- Still image for PDF

- Real time depiction of step by step installation

INFOGRAPHIC

- Details the key differences between HPE Primera and traditional storage
- Quick comparison between key elements of HPE Primera and traditional storage
- Quick and easy to understand the key differences

3D INTERACTIVE PDF

- Interactive HTML file, created from CAD
- Several steps of a major task is animated
- Click and rotate a component to know more about it

VISUAL STRATEGY

The recipe

STRATEGY BASED IMPLEMENTATION

Must have visual elements

- Conceptual diagrams
- Diagrams
- Infographics
- Interactive simulations
- Screen shots
- Static figures

Good to have visual elements

- 3D animations
- 3D interactive PDF
- Audio: Links to podcasts and recordings hosted externally Audio: Narration

Aspirational visual elements

- Advanced development: emerging technologies, special requests
- Augmented reality (AR)
- Video: Source embedded in content
- Virtual reality (VR)

APPLICATION OF VISUAL ELEMENT

The cake

INTERACTIVE DEPLOYMENT
WORKFLOW FROM
HOURS TO SECONDS...

IT IS REALLY COMPLEX…HOURS TO DEPLOY…

MONTHS TO READ…

HPE Synergy document overview (documentation map)

www.hpe.com/info/synergy-docs

Planning

- HPE Synergy 12000 Frame Site Planning Guide
- HPE Synergy Configuration and Compatibility Guide
- HPE OneView Support Matrix for HPE Synergy
- HPE Synergy Image Streamer
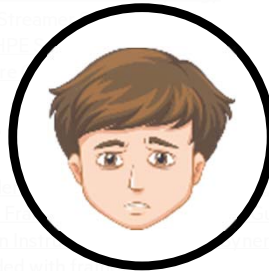- Setup Overview for HPE
- HPE Synergy Software

Installing hardware

- HPE Synergy Start Here
- HPE Synergy 12000 Frame Installation Guide
- Rack Rails Installation Instructions for the HPE Synergy 12000 Frame (included with the rack rails)
- HPE Synergy 12000 Frame Rear Power and Cabling (on the frame)
- Hood labels
- User guides
- HPE Synergy Cabling Interactive Guide
- HPE OneView Help for HPE Synergy — Hardware setup

Configuring for managing and monitoring

- HPE OneView Help for HPE Synergy
- HPE OneView User Guide for HPE Synergy
- HPE OneView API Reference for HPE Synergy
- HPE OneView REST API Scripting Help for HPE Synergy

Maintaining

- Product maintenance and service guides
- Updates
- HPE OneView Help for HPE Synergy
- HPE OneView User Guide for HPE Synergy
- HPE Synergy Appliances Maintenance and Service Guide for HPE Synergy Composer and HPE Synergy Image Streamer

Managing

- HPE OneView User Guide for HPE Synergy
- HPE Synergy Image Streamer Help
- HPE Synergy Image Streamer API Reference
- HPE Synergy Image Streamer deployment workflow
- HPE Synergy Frame Link Module User Guide

Troubleshooting

- HPE OneView Troubleshooting Guide
- Integrated Management Log Messages and Troubleshooting Guide for HPE ProLiant Gen10 and HPE Synergy
- HPE OneView API Reference for HPE Synergy
- HPE Synergy Image Streamer API Reference

Customer Problem

- Linear and exhaustive list of documents
- Document order is not as per the required workflow
- Manual search required for each of the documents

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BEHIND THE SCENES

Tools and deliverable format

Adobe InDesign used for Interactive PDF and SWF based HTML.

Prototype Design

- Created visual and intuitive aid to improve user experience
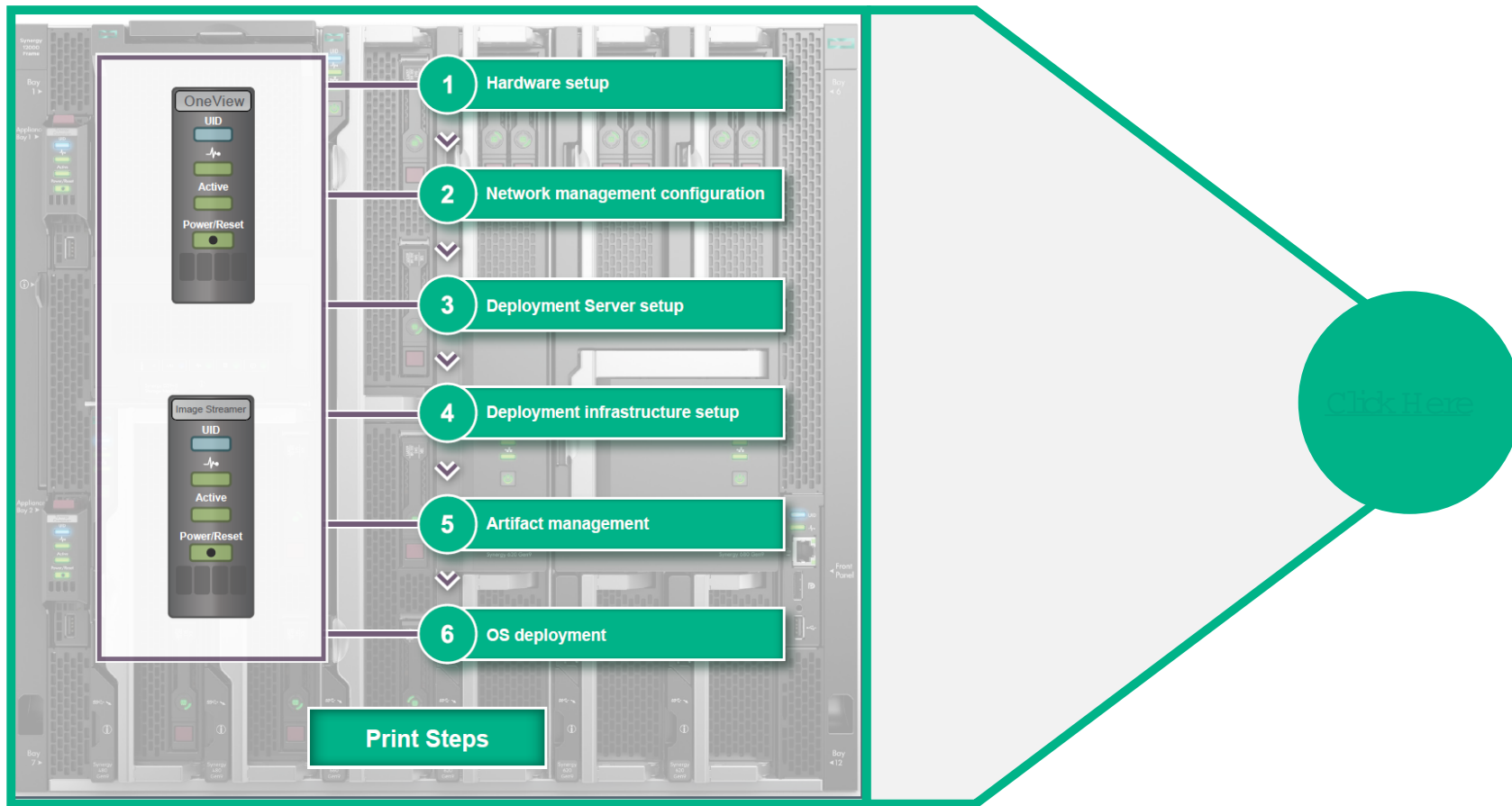- Single interactive document

Easy to Connect

QR code on the appliance to provide easy access to the interactive deployment document

THE MAGIC SOLUTION…

OneView

UID

Active

Power/Reset

Image Streamer

UID

Active

Power/Reset

1 Hardware setup

2 Network management configuration

3 Deployment Server setup

4 Deployment infrastructure setup

5 Artifact management

6 OS deployment

Print Steps

Click Here

FEEDBACK

I never said thank you for creating these – I like them very much!

This is really a nice graphic as it is very useful

Awesome graphic. We were able to setup the products with ease

THE ICING ON THE CAKE

- Seamless experience to setup Hardware and Software components

- Guided workflow helps to achieve deployment within minimum steps

- Easy to design and maintain

- Ability to reuse the template for similar products

- Minimize the length and complexity of documentation

THE CAKE…

A BIG THANK YOU FOR ALL YOUR SUPPORT!

Sandhya Ranganathan

Sudhin VK

Chaitanya VBV

Jyothi Kalutla

THANK YOU

- Questions, Feedback, Suggestions?
- Email – anupamd@hpe.com