



Unified Management Console for Open Enterprise Server

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Agenda

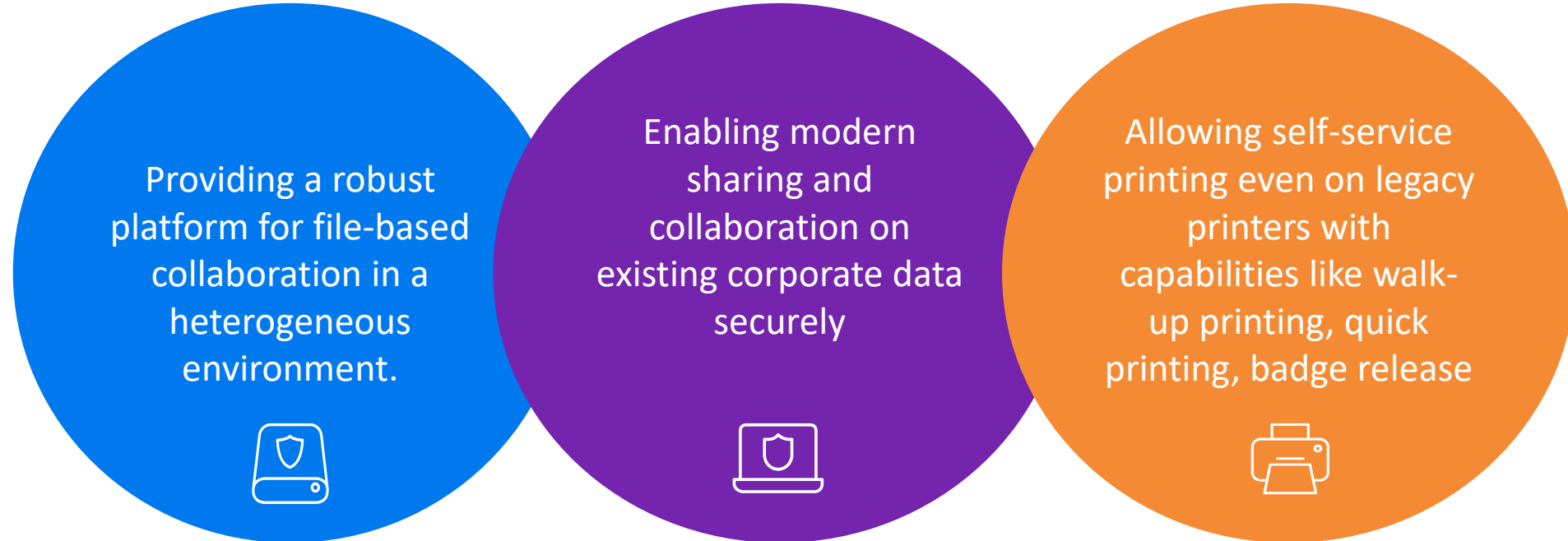
- Introduction
- All New management Experience
- Demo
- Q&A



Introduction

Open Enterprise Server

File and Print Services



Identity driven access and management

Managing OES Today

The URM interface displays a central 'Maps Users' section with a tree view of users (Susanne, Thomas, Albert) and their associated rights. To the left, 'eDirectory Trustees' lists various volumes (VOL1:/MKTG, VOL1:/FINANCE, VOL1:/SALES) and their trustees. To the right, 'eDirectory and Active Directory Trustees' shows a similar mapping. Below these, there are sections for 'eDirectory tree' and 'Active Directory' with user icons.

```

SERVER1:~ # nlvmlist pools more
Name      State Type      Size Shared IsSnap  Used    Free Segs Vols Move ADMediaSupport AutoDiscard
APPS      Active NSS64    4.99GB Yes   No    383.16MB 4.62GB 1   2   No    Yes    IA
DATA      Active NSS64    14.99GB Yes   No    1.12GB   13.86GB 1   4   No    Yes    NA
SERVER1:~ #
    
```

The dialog box shows 'User Quota', 'File System Rights', 'Salvage', 'Purge', and 'Customize' tabs. Under 'Trustee Rights', the 'List eDirectory Trustees also' checkbox is checked. The permissions for 'ACME\anaya' are: S (checked), R (checked), W (checked), E (checked), C (checked), M (checked), F (checked), A (checked).

The OES Remote Manager interface shows a sidebar with navigation options like 'Diagnose', 'View File System', 'Manage Linux', etc. The main area displays 'File System Management' with a table of mounted devices and their locations.

Mounted Device	Mount Location
sysfs	/sys
proc	/proc
devtmpfs	/dev (100% free)
securityfs	/sys/kernel/security
tmpfs	/dev/shm
devpts	/dev/pts
tmpfs	/tmp
tmpfs	/sys/fs/cgroup
cgrou	/sys/fs/cgroup/systemd
pstore	/sys/fs/pstore
cgrou	/sys/fs/cgroup/blkio
cgrou	/sys/fs/cgroup/cpuset
cgrou	/sys/fs/cgroup/ids
cgrou	/sys/fs/cgroup/blk_event
cgrou	/sys/fs/cgroup/couset
cgrou	/sys/fs/cgroup/freezer
cgrou	/sys/fs/cgroup/memory
cgrou	/sys/fs/cgroup/net_cls/net_prio
cgrou	/sys/fs/cgroup/hugetlb
cgrou	/sys/fs/cgroup/rtm
cgrou	/sys/fs/cgroup/devices
idmtda2	/
systemd-1	/proc/sys/fs/binfmt_misc
mqueue	/dev/mqueue

The Micro Focus iManager interface shows a navigation pane on the left with categories like 'Roles and Tasks', 'Objects', 'Configure', 'Favorites', and 'Preferences'. The main content area displays 'Micro Focus iManager VERSION 3.2.4' and a message: 'You are currently logged in to ACME as admin.acme with Unrestricted Access.' Below this, there are several notices and sections for 'Web-based Administration' and 'iManager Access Modes'.

The navigation menu includes 'Main Menu' and a list of items: 'Devices', 'Partitions', 'Pools', 'Volumes', 'Linux Volumes', 'RAID Devices', and 'Snapshot'.



Project “Sahyadri”

Project “Sahyadri”

All New Management Experience

“Highly responsive, simple and secure management tool for managing any small or large heterogeneous deployments”

Project “Sahyadri”

Highly responsive UI/UX

- Designed by the UX experts
- Built using Angular and Micro Focus “UX Aspects”
- Built-in accessibility and localization

Simplified workflows

- End-to-end workflows
- Manage one or many servers at a time
- Dashboard providing basic and advanced analytics
- Role-based management

Secure platform

- End to end protection with token-based authentication system
- Additional factors of authentication and Single Sign-On

Hybrid Management

- Manage file and print services backed by eDirectory
- Manage file and print services integrated with Active Directory

New Core built ground up

- Centralized REST-based API server
- Light-weight REST-based management service for OES servers



Project “Sahyadri” - Modules

Modules – Web Client

Project “Sahyadri”

- Highly responsive Web Application
- Built on Angular using Micro Focus UX Aspects
- Accessibility and Language Support
- White labeling

Modules – UMC Server

Project “Sahyadri”

- REST-based API server
- Deploy on OES or anywhere
- Provides OAuth2 Token-based authentication
- Protect with additional factors using Advanced Authentication
- Supports single sign on with One SSO Provider (OSP)
- Integrates with any
 - eDirectory
 - Active Directory or
 - Azure Active Directory

Modules – UMC Provider

Project “Sahyadri”

- Purpose built REST-based server
 - Storage UMC Provider
 - Hybrid(CIS) UMC Provider
 - iPrint UMC Provider
- Integrates directly with OES/iPrint modules
- Runs on every OES or iPrint Appliance servers

Modules – Infrastructure

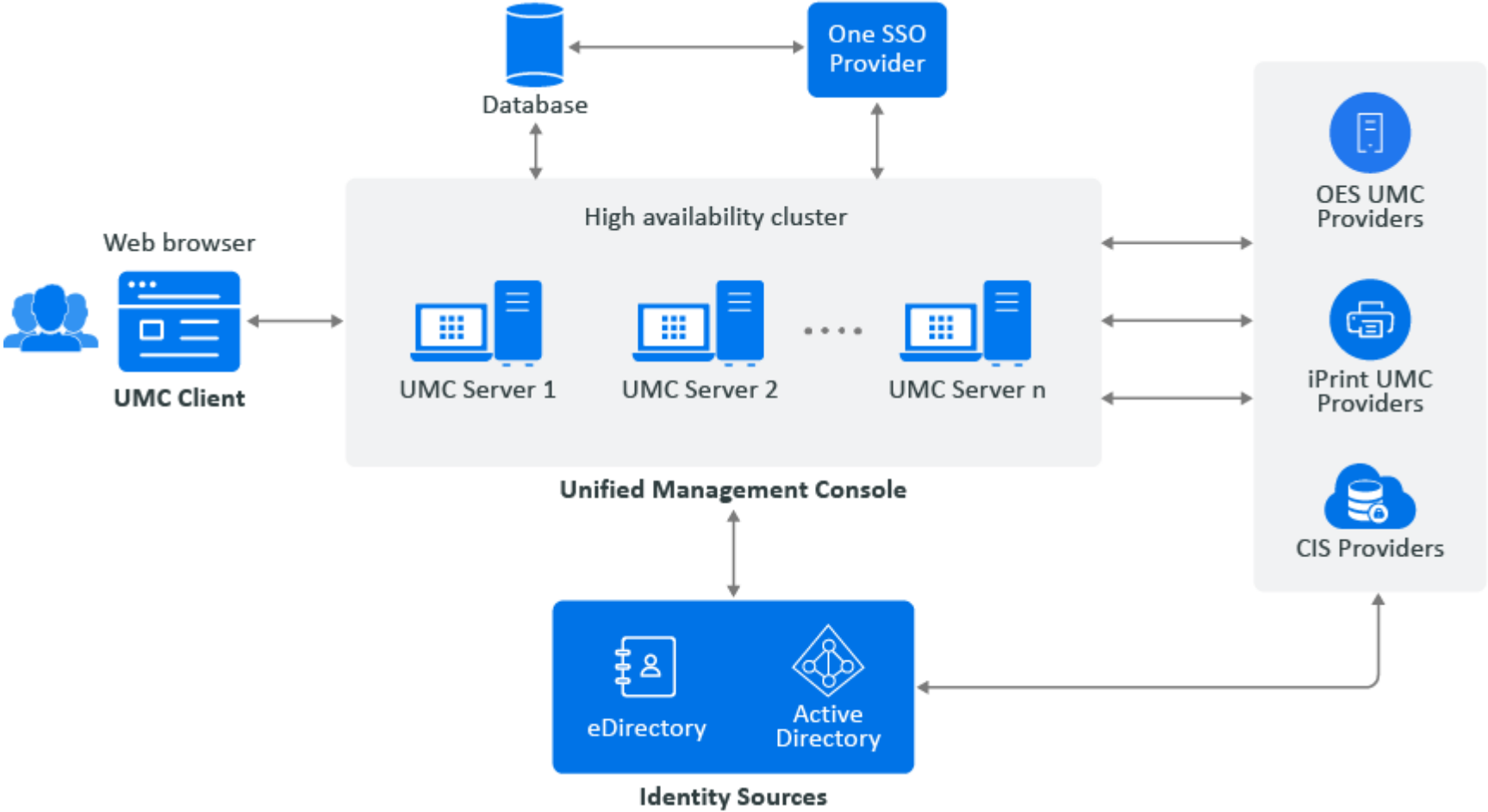
Project “Sahyadri”

- Configuration Store
 - PostgreSQL – default
 - Support for Microsoft SQL server (future)
- Indexing System
 - Elastic or equivalent
 - For faster search
 - For advanced analytics



Project “Sahyadri” – Architecture

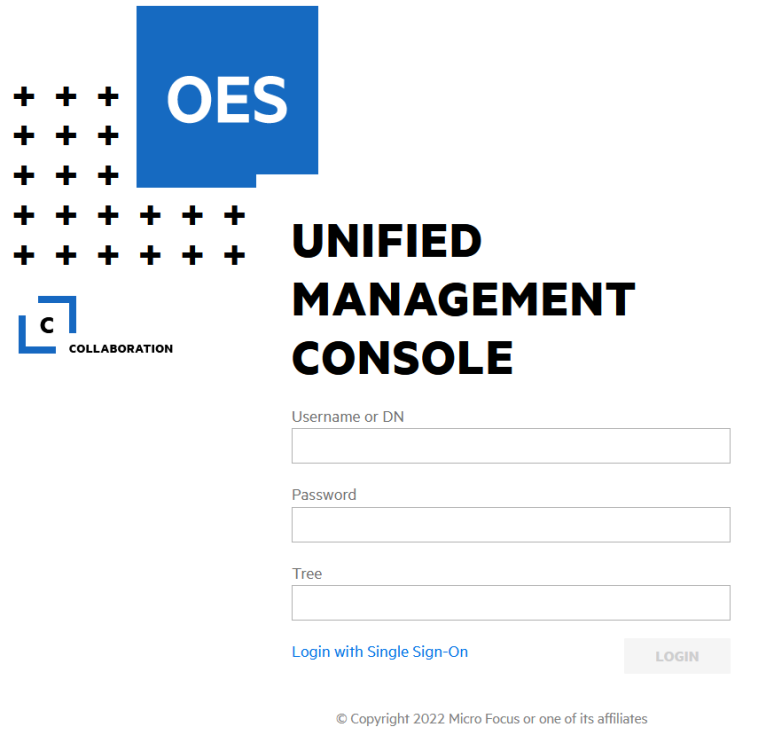
Project "Sahyadri" – Architecture





Demo

Sneak Peak – Demo



- Install and Configure
- Login
- Home
- Storage Management
 - Devices
 - Partitions
 - Pools
 - Snapshots
 - Volumes
 - RAID



What's Next?

Open Enterprise Server 2023

- Built on SLES 15 SP4 for improved stability and security
- Includes Unified Management Console aka Project “Sahyadri” Phase I
- Availability?
 - Beta available today
 - [Apply Here](#) to join the OES 2023 Beta program today
 - [Write to Us](#) if you have any queries
 - Resources include access to the build, forum for discussion, work directly with the engineers



Q&A



Thank You.



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