Power Week 2025

18 - 19 - 20 novembre 2025
IBM Innovation Studio Paris

S69 – FalconStor StorSafe Deployable Architecture

20 novembre 11:15 - 12:15

Guy Berlo / Jacques Wandels
FalconStor

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StorSafe Deployable Architecture in IBM Power Virtual Server

Guy Berlo – Managing Director EMEA
Jacques Wandels – EMEA Professional Services r

This session introduces the 'FalconStor StorSafe PowerVS Deployable Architecture', now available in the IBM Catalog.

Built for IBM Power customers, it enables rapid deployment of production-ready data protection infrastructure that integrates seamlessly with existing backup environments.
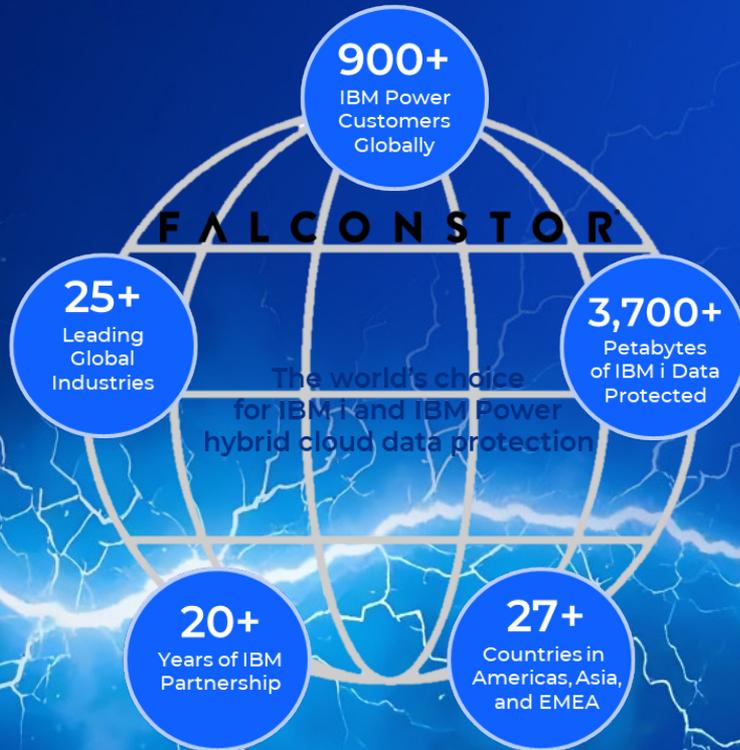
StorSafe helps reduce storage costs with deduplication and hybrid cloud tiering, while strengthening security with immutability and ransomware defense.

In a nutshell:

IBM Deployable Architecture (DA) is cloud automation that combines several cloud resources to provide an infrastructure for your deployment, instead of figuring out how to assemble a compliant infrastructure architecture on your own.

Data Protection Modernisation for IBMi, AIX & Linux

#pw2025

900+
IBM Power Customers Globally

25+
Leading Global Industries

F A L C O N S T O R

3,700+
Petabytes of IBM i Data Protected

The world's choice for IBM i and IBM Power hybrid cloud data protection

20+
Years of IBM Partnership

27+
Countries in Americas, Asia, and EMEA

StorSafe VTL Software:

can be deployed on P9, P10, P11, X86, Hypervisors or Multi-Cloud for:
Backup and DR on premise and at the MSP
Cloud Migration or Hybrid Cloud and Cloud DR

Habanero:

- Data-Protection-as-a-Service, full managed service through the IBM Catalogue
- Data Protection for Hybrid Cloud
- Ransomware Protection, Compliance
- Data and Tape Longterm Archiving with Immutable storage

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FalconStor StorSafe

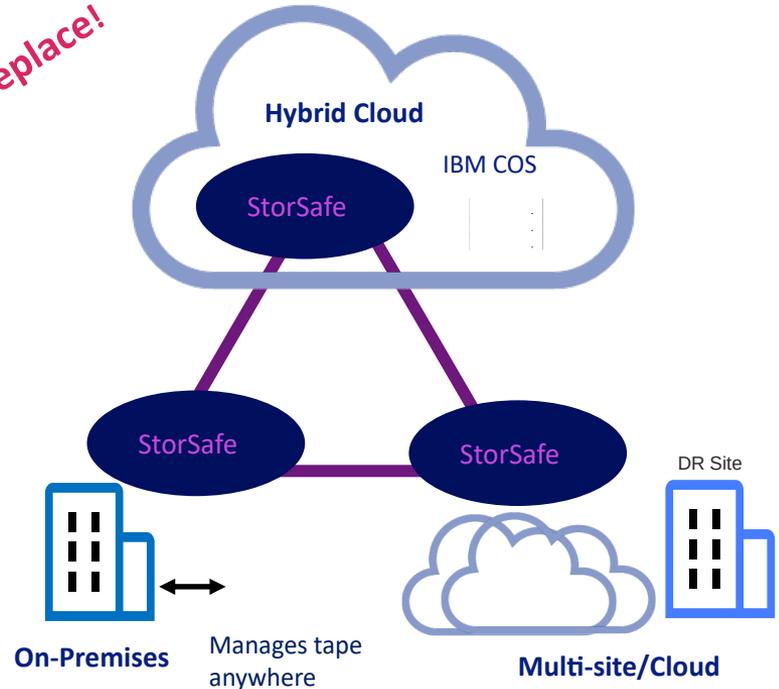## Software that works with any backup to optimize and modernize your data protection

- ### Optimize
- Reduce storage costs
- Meet scalability demands
- Shrink backup storage by up to 95%
  - Consolidate backup storage across backup apps

- ### Modernize
- **On-Prem, Hybrid Cloud and Multi-cloud. Anywhere-to-Anywhere Backup, Disaster Recovery** (w/built in replication) **and Migration**
- Bandwidth acceleration for hybrid cloud recovery
- Protect against cyber & ransomware attacks
- Helps meet Regulatory and Compliance Requirements

No rip and replace!

Hybrid Cloud

IBM COS

StorSafe

StorSafe

StorSafe

DR Site

On-Premises

Manages tape anywhere

Multi-site/Cloud

IBM Deployable Architecture

IBM Deployable Architecture are pre-validated, IBM-tested reference designs that accelerate deployment while ensuring security

Simple, Turnkey Deployment

- Packages compute, storage, networking, and security in IBM Cloud
- Automates setup using Terraform/Schematics

Faster Time to Value

- Reduces deployment errors and ensures best practices
- Deploy in hours instead of weeks

Built-in Security

- VPN, IAM, VPC Flow Logs, Monitoring
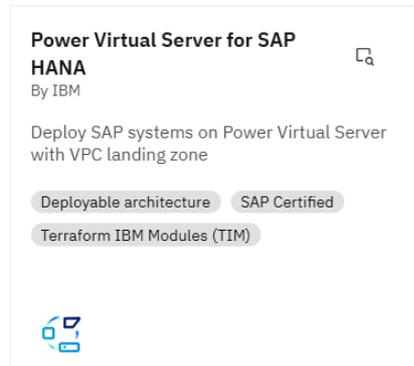- Consistency across environments

Seamless Integration

- Seamless IBM COS integration for backup/tape migration

FalconStor StorSafe PowerVS Deployable Architecture is now available in the IBM Catalog

FalconStor StorSafe PowerVS Deployable Architecture
By FalconStor Software

Reduce your monthly PowerVS backup storage cost by up to 90%, while improving your existing backup solution...

Deployable architecture

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SAP HANA Deployable Architecture with StorSafe Integration is also available in the IBM Catalog.

Power Virtual Server for SAP HANA
By IBM

Deploy SAP systems on Power Virtual Server with VPC landing zone

Deployable architecture   SAP Certified

Terraform IBM Modules (TIM)

StorSafe Deployable Architecture in IBM Power Virtual Server

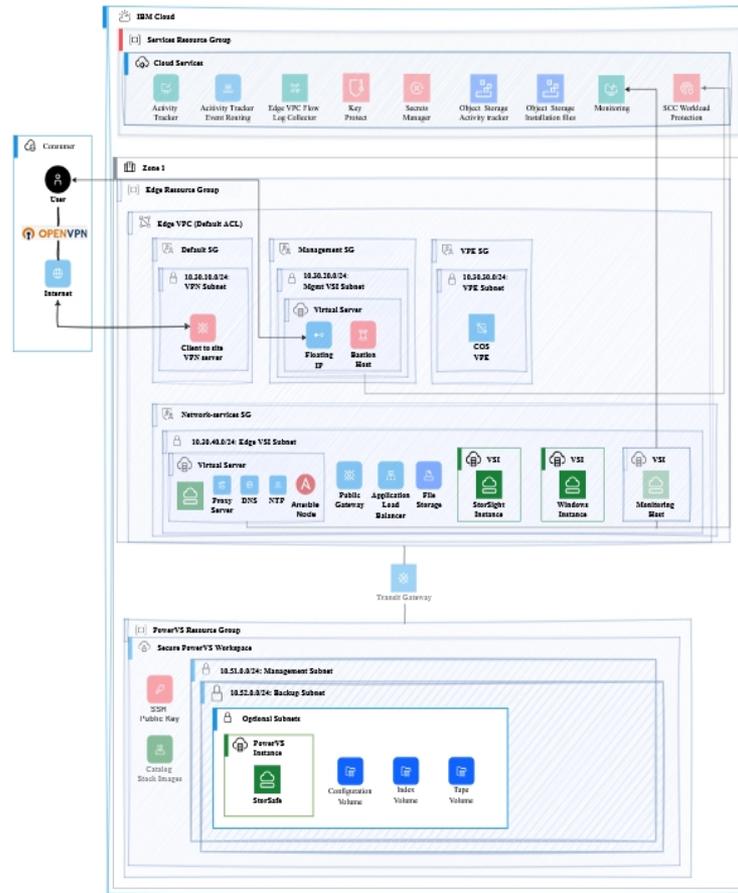- **Deployment tasks**

- **Demo video**

StorSafe Deployable Architectu

StorSafe Deployable Architecture comes pre-integrated with IBM Cloud services (VPC, COS, VPN), and includes all elements needed:

- StorSafe Instance – VTL/NAS for backups

- StorSight Instance - Monitoring Host, Windows VSI

- Automated networking, subnets, and bastion host

- Ready-to-use reference design validated by IBM

Additionally, key IBM Cloud Components are included in the StorSafe DA as well:

- VPC (Virtual Private Cloud) – secure networking layer

- Transit Gateway – hybrid connectivity

- Edge Services – VPN, Bastion Host, VPE for COS

- Supporting VSIs – DNS, Proxy, Windows tools, Monitoring host

- IBM COS – cost-effective, scalable object storage backend

Architecture Diagram

Overview of Deployment Tasks

- ## Authentication Setup
  - Setup API key and generate SSH keys (private and public) for secure, authentication and access management.
  - Optionally, you can leverage IBM Secrets Manager.

- ## Project Configuration
  - Create and configure projects with resource groups, deployment regions, and VPC landing zones.

- ## Server Deployment
  - Deploy the StorSafe server with underlying infrastructure, workspace, CPU, memory, storage, and network settings.
  - Deploy of StorSight Management Server is included (optional).

- ## Post-deployment Configuration
  - Access console, reset passwords, attach devices, setup config, deduplication repository, tape library, …

IBM Deployable Architecture

Demo Video with Live Walk-Through
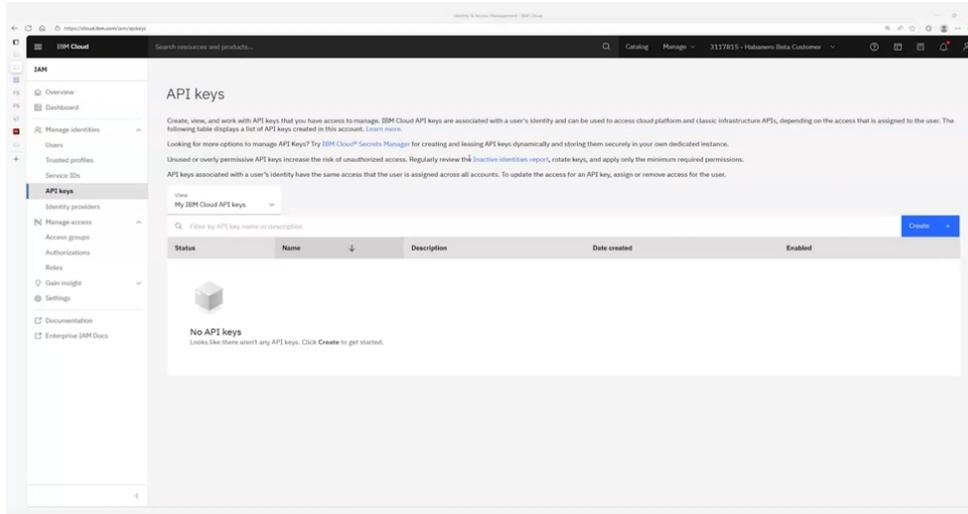
IBM Deployable Architecture - Summary

FalconStor StorSafe PowerVS Deployable Architecture

By FalconStor Software

Reduce your monthly PowerVS backup storage cost by up to 90%, while improving your existing backup solution performance.

Deployable architecture

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- **FalconStor StorSafe Deployable Architecture simplifies adoption of StorSafe in IBM Cloud**
  - Reduces TCO with built-in deduplication & COS integration
  - Faster migrations (workloads & tape to cloud)
  - Improves security, compliance, and monitoring
  - Partners: repeatable architecture to serve multiple clients
  - Customers: faster ROI and reduced operational burden

Thank You!

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- Follow us on **LinkedIn** and **Instagram**
- Drop us a line at **IBMSales@falconstor.com**

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