

A low-angle, upward-looking photograph of several modern skyscrapers. The image is heavily stylized with a semi-transparent red overlay that covers most of the frame. The buildings' facades, with their grid-like window patterns, are visible through the red. The sky is a solid, bright red. The text 'RHEL HA ROADMAP' is centered in white, bold, sans-serif font.

RHEL HA ROADMAP

HIGH AVAILABILITY MARKET REQUIREMENTS



- **Application protection**

High Availability ensures an application stays online, reduction in downtime prevents business impact.

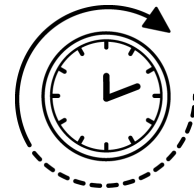
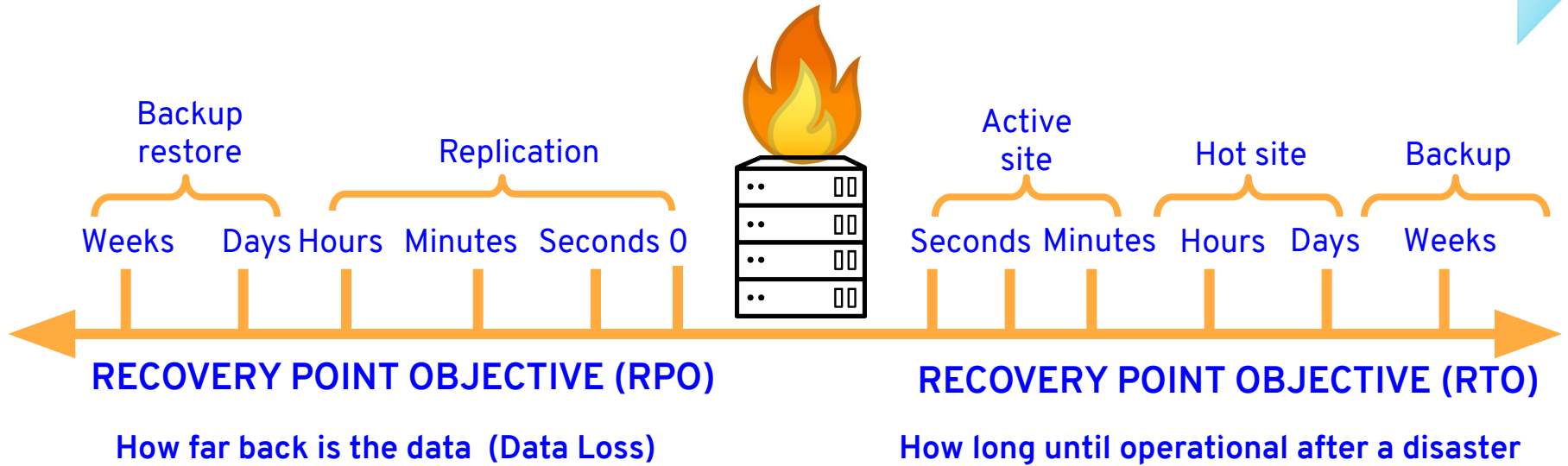
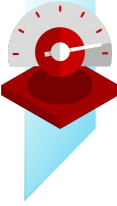
- **Provisioning high availability based on business risk tolerance**

Different businesses have varied risks. The ability to implement high availability in ecosystem critical paths, helps businesses reduce losses in Sales, Productivity and Reputation.

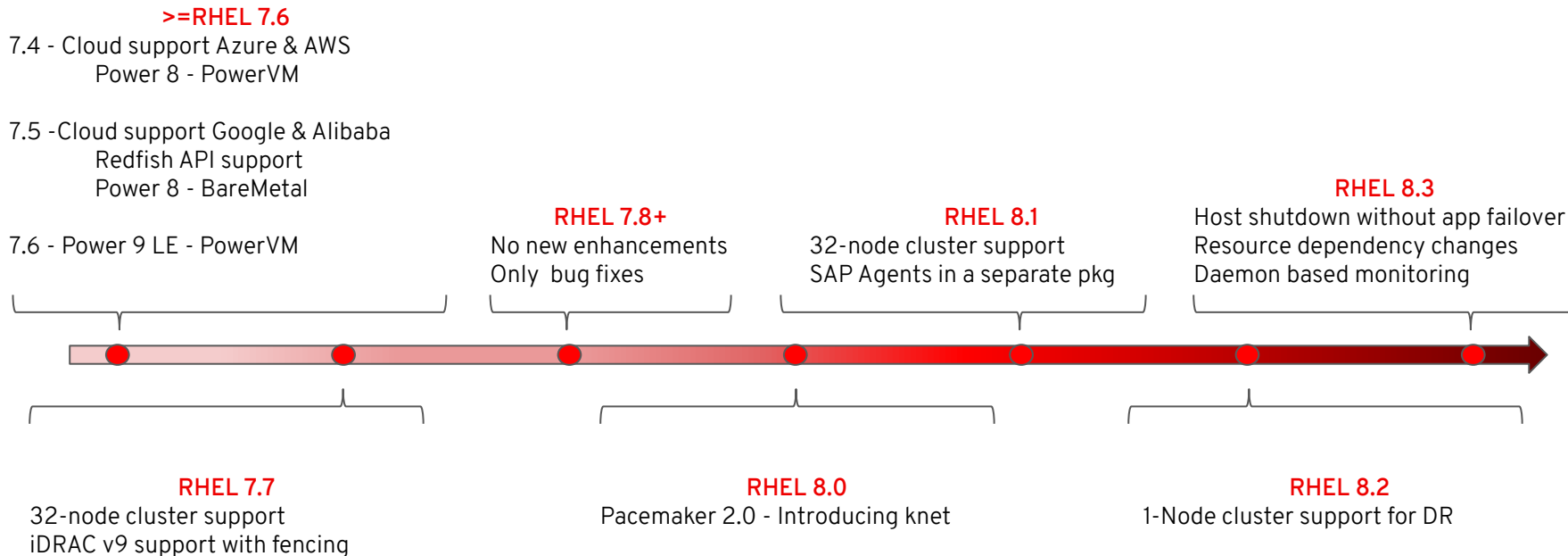
- **High Availability to automate recovery**

Businesses want to minimize the RTO and RPO by deploying High Availability for recovery automation. This has exceptional value for businesses where downtime means disruption of services.

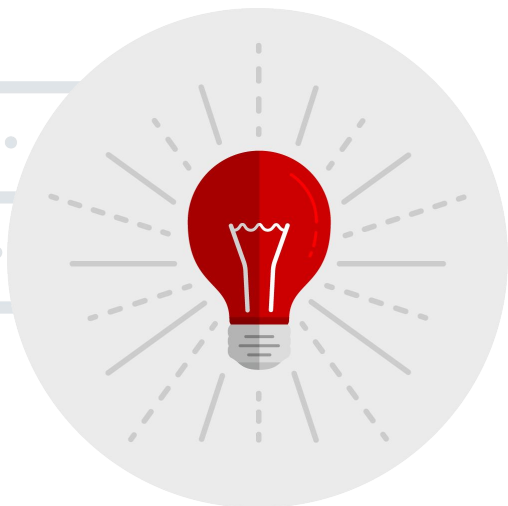
RECOVERY POINT OBJECTIVE AND RECOVERY TIME OBJECTIVE



RHEL HA Roadmap



Cloud and Platform Enablement

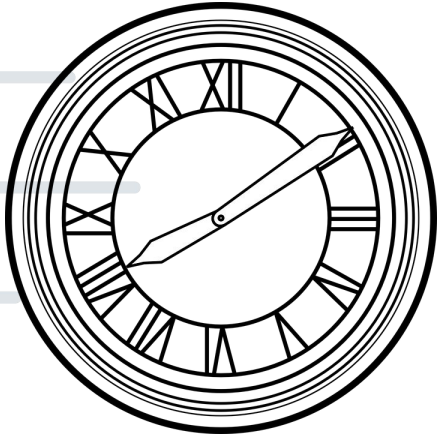


Current customers run workloads primarily on-prem but with the computing landscape changing, more customers are exploring going to the cloud. We need to support the architectures being adopting in both physical and virtual.

Support new platforms where customers want to run their RHEL enterprise

- Cloud
 - Additional AWS/Azure/Google/Alibaba agents
 - IBM Cloud
- Architectures
 - ARM support [Cloud and Bare Metal]
 - Support Power 9 LE +
 - Fencing changes for IBM [Power LE & System Z]
- Virtualization
 - Hyper-V Support
 - Enable Live Migration [VMware and RHV]
- Alternative HA Solutions
 - Enable changes to support customer priorities

Pacemaker Futures



The only way to stay relevant is to innovate. With Pacemaker, there are a number of areas customers have asked for improvements. These focus on UI/UX, DR and ensuring we remain competitive.

Support for features or capabilities that are outside of our core use cases today

- UI/UX - User Interface and User Experience
 - Cluster GUI - Make it easy to use for new customers
 - Simulation
 - Ansible Scripts for easy install/modification
 - Add a cluster, add a node, upgrade
- Disaster Recovery
 - Support replication
 - Visibility of replication, direction/primary
 - DR Testing - Enable DR Testing within Pacemaker
 - 1-Node DR - The DR site with just one node
- Workloads
 - Focus on targeted workloads [SAP, MS SQL, Oracle]
 - Enhance Documentation for Reference Architecture

THANK YOU



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