Virtual Monitoring Tools
Holistically Managing the Virtual Environment

Hypervisors in Use

MORE THAN

8 in 10

ORGANIZATIONS ARE USING MORE THAN ONE HYPERVISOR, AND

1/3

ARE USING FIVE OR MORE.

Time to Detect and Remediate Problems within Virtual Environments

WITHIN A FEW HOURS
39%

WITHIN 24 HOURS
41%

MORE THAN A DAY
14%

DON'T KNOW
6%

Reasons for Using Multiple Hypervisors

63% — Separate server and desktop virtualization tools

42% — Compatibility issues

24% — Departments/LoBs fund their own virtual infrastructure

21% — Cost savings; primary vendor is costly to use pervasively
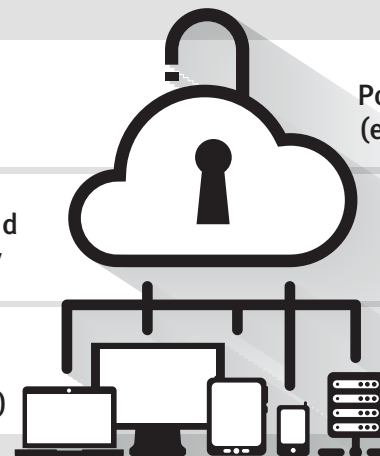
12% — A non-primary hypervisor used for a specific feature or circumstance

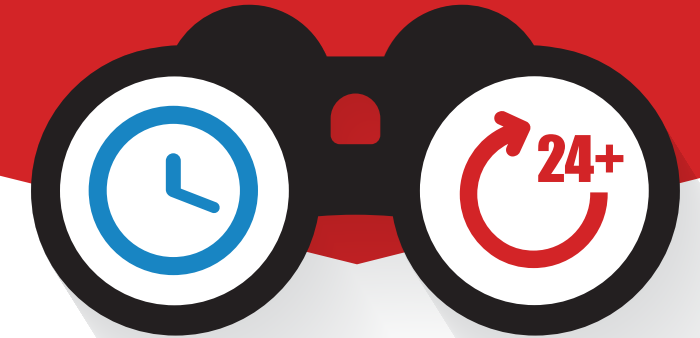## Top Challenges of Managing a Virtual Environment

Security is a top challenge in virtual environments, with systems management issues making up the remainder of the top challenges.

65% Security concerns

35% Managing both physical and virtual platforms efficiently

33% Performance monitoring of virtualization applications (e.g. SQL Server, Exchange)

32% Poorly optimized environments (e.g. CPU and memory settings)

31% Wasted resources (i.e. storage space, zombie VMs)

29% Capacity management/ monitoring and planning

Detecting and Remediating Problems in Virtual Environments

Those whose organizations take one or more days to detect and remediate problems **report significantly different concerns** than those with lower remediation times.

DETECT & REMEDIATE PROBLEMS

WITHIN A FEW HOURS		WITHIN A DAY OR MORE
78%	Security concerns	57%
34%	Managing a virtual desktop infrastructure (VDI)	18%
24%	Poorly optimized environments	**40%**
12%	Insufficient manpower	**38%**
15%	Tracking changes and/or correlating them to performance degradation	**32%**

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