# BeyondTrust® PowerBroker® for Virtualization

BeyondTrust empowers IT to eliminate the risk of intentional, accidental and indirect misuse of privileges on desktops, servers and virtual environments with globally proven solutions that increase security and compliance without impacting productivity.

BeyondTrust provides Privileged Access Lifecycle Management for granular privilege brokering and powerful central management so companies no longer have to choose between productivity or security and compliance.

## Security, Compliance and Productivity in Virtual Environments

PowerBroker for Virtualization provides a dedicated solution to centrally address risks from unmanaged  administrative privileges in virtualized datacenter environments. In a secure and compliant environment, users privileged access to virtual resources are managed to give them access to only what they need to do their job. PowerBroker for Virtualization provides a cost-effective solution for consistent granular privilege identity management across guest operating systems as well as hypervisor hosts, through a single centralized management console.  Privileged access security risks are mitigated, compliance requirements met, and organizations can adopt virtualization with confidence.

## Key Benefits

— Granular delegation of administrative privileges

— Detailed and flexible reporting including keystroke logging of admin activities

— Two-click entitlement reports

— Programmable role-constrain mechanisms for segregation of duties

— Secures virtual guest and host hypervisors

— VMware ESX, Solaris Zones, AIX WPAR, and IBM z/VM

> *"Most virtualized workloads are being deployed insecurely, introducing significant organizational risk. Installation of x86 virtualization platforms should be treated as one of the most critical software layers in data centers, but tools and processes are relatively immature and staff, resellers and consultants are still learning. Because of the critical support the hypervisor/ VMM layer provides, administrative access to this layer must be tightly controlled."*
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> *Neil MacDonald, vice president and Gartner fellow*

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> *"Once inside a company's environment, access to various areas should be restricted based on business need. A typical guideline in this respect is the principle of least privilege, which states that users are given the minimum access and authority necessary to perform their required job functions."*
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> The Institute of Internal Auditors Inc.
> IT Audit

**Regulatory Compliance**
For distributed networks and complex IT ecosystems, one fundamental aspect of compliance is privileged access control. BeyondTrust ® PowerBroker ® for Virtualization provides and innovative solution to meet industry and government mandates, such as SOX, HIPPA, PCI, DSS, GLBA, PCI, FDCC and FISMA.

**About BeyondTrust®**
BeyondTrust is a proven leader with more than 25 years of experience. More than half of the companies listed on the Dow Jones, eight of  the 10 largest banks, seven of the 10 largest aerospace and defense firms, and six of the 10 largest U.S. pharmaceutical companies rely on BeyondTrust to secure their enterprise.

**Microsoft**®
**GOLD CERTIFIED**
*Partner*

## Secure Datacenter Virtualization with Certainty and Clarity

PowerBroker for Virtualization provides granular delegation of administrative privileges on virtual guest and host hypervisors, including detailed and flexible reporting with keystroke logging of administrative actions, for a secure and compliant virtualized datacenter environment.

PowerBroker for Virtualization enables organizations that move to virtualized platforms to control administrative access to the Hypervisor/VMM layer while still realizing all virtualization cost efficiencies. Administrative tools prevent the virtualization layer from being compromised that could pose significant security risks to all hosted workloads. Programmable role-constraint mechanisms enforce segregation of duties for users and virtual platform-specific cost effective deployment capabilities enable secure datacenter virtualization.

## How PowerBroker® for Virtualization Works
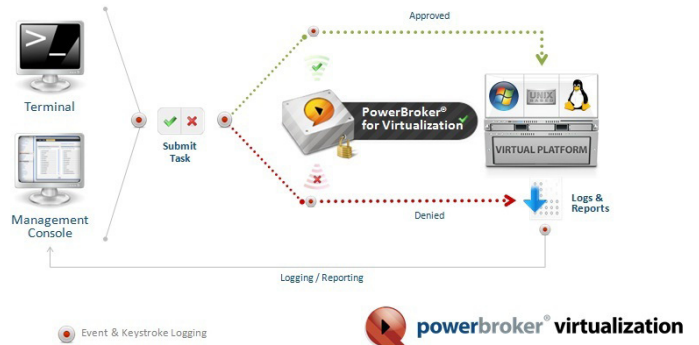


## Secure Datacenter Virtualization

Deploying separate point solutions for privileged identity management on guest operating systems and hypervisors is sub-optimal, as it makes it very difficult to enforce consistent policies across the virtual environment. PowerBroker for Virtualization bridges that gap, and provides a unique blend of guest control capabilities, host hypervisor control capabilities, as well as virtual platform-specific cost effective deployment capabilities for secure datacenter virtualization.

## Optimize Datacenter Virtualization Projects

### VMware ESX Platform Support

PowerBroker is certified for the VMware ESX base OS on ESX versions v3.0, v3.5 and v4.0, providing capabilities to manage and report on administrative rights granularly, including the ability to start or stop services that impact the guest operating systems.

### Solaris Zones Support

PowerBroker supports all types of Solaris Zones, including the Global Zone, Sparse Root Zones, Whole Root Zones, Branded Zones and Containers. PowerBroker also includes a Zones-aware package installer to optimize deployment for Solaris Zones.

### IBM AIX Workload Partitions (WPAR) & z/VM Support

PowerBroker supports AIX System WPARs and can also be used to manage application WPARs. PowerBroker includes a WPAR-aware package installer for optimized deployment in WPARs. PowerBroker also supports distributions built for z/VM environments.

## Support for More Then 30 Guest Operating Systems

PowerBroker supports a wide range of operating systems, typically used to run enterprise applications in the datacenter. PowerBroker provides full support for the entire range of platforms as guest operating systems in virtualized environments.