

## PowerBroker® Identity Services

PowerBroker Identity Services is a server management solution that makes Windows and Linux work well together, reducing the costs of running a mixed network. It's an easy, cost-effective way for mid-sized and enterprise customers to manage Linux® and Macintosh® systems in a Microsoft® Windows® network. PowerBroker makes it easy to configure server roles and join Linux servers to Active Directory™, provides familiar Windows-based tools for day-to-day management of Linux servers and improves Windows/Linux/Mac interoperability. With PowerBroker Identity Services, you can leverage existing IT skills and staff to administer Linux servers, helping you reduce the costs of running a mixed network.

### **Enhance integration of Windows and Linux servers.**

Out of the box, Linux and Windows servers do not work well together and it is difficult to configure the two systems to coexist happily in the same network. PowerBroker Identity Services configures Linux to understand the Windows over-the-wire protocols for greater interoperability and maximized productivity.

**Manage Linux using familiar Windows tools.** Day-to-day administration of Linux servers is typically done through text-based command shells and requires a deep understanding of how Linux works. Now you can use the same graphical administration tools included with Windows to remotely manage Linux servers.

**Simplify the configuration of Linux server roles.** Without PowerBroker, setting up roles for Linux servers requires a Linux expert to install the correct software components, such as Apache or Samba, and manually edit text-based configuration files to make them work. With PowerBroker Identity Services, you can easily set up common server roles using step-by-step wizards from a Windows console.

**Leverage existing staff to manage Linux servers.** Adding Linux to your network means new skills and tools are needed to effectively monitor and administer Linux servers. With PowerBroker Identity Services, you can leverage your existing team to manage Linux servers without additional training or complex system management frameworks.

### **Enhanced Integration**

- Improve interoperability of Windows and Linux servers
- Support Windows clients from Linux with single sign-on and Windows Explorer integration
- Join Linux servers to Microsoft® Active Directory® service
- Manage security and file permission with access control lists (ACLs)
- Authenticate users with Microsoft Active Directory service
- Manage Linux servers remotely using Windows remote management protocols
- Simplify the integration of Linux servers in a Windows network

### **Familiar Management**

- Manage Linux servers from Windows using the familiar Microsoft Management Console (MMC)
- Administer Linux file and print sharing services with the built-in Windows wizards
- Administer and configure Apache Web services from Windows
- Monitor Linux system performance using the built-in Windows performance counters
- View Linux system log and application events through the Windows Event Viewer
- Start and stop services remotely



## Features

### System

- Improves interoperability of Windows and Linux servers
- Add and remove popular Linux server roles including file sharing, print sharing, Web, and DNS.
- View and monitor server status and Linux system events
- Remotely shut down and restart Linux servers

### Utilities

- Perform common administration tasks with easy-to-use tools
- View Application, Security, and System events
- Terminate, resume, suspend, and kill running processes
- Integrated SSH console for advanced management

### Security

- Join Linux servers to Active Directory and setup single sign-on
- View and manage local users and groups
- Remotely configure Linux server firewalls
- Add and remove firewall exceptions

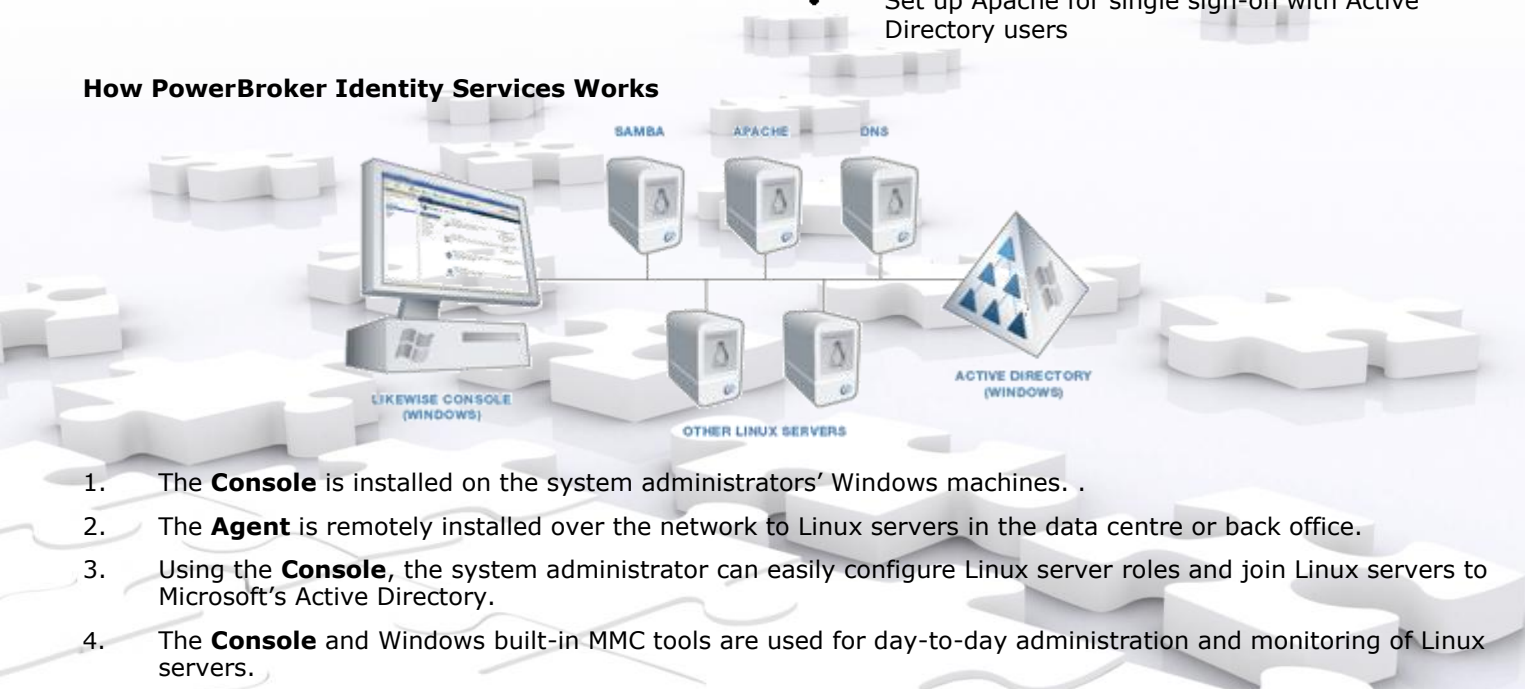
### File and Print

- Configure and manage file and print services from graphical Windows tools
- Set up Linux file and print sharing to work well with Windows clients
- Add and remove network and local printers with familiar wizards
- Create new shares and configure security and access settings

### DNS

- Configure and manage BIND DNS from graphical Windows tools
- Manage master and slave zones for DNS replication
- Set up and manage forward and reverse lookup zones
- Add, remove and edit common resource record types including SOA, NS, A, CNAME, MX, and PTR
- Apache
- Configure Apache web services and virtual servers
- Add and configure virtual servers
- Set up Apache for single sign-on with Active Directory users

## How PowerBroker Identity Services Works



1. The **Console** is installed on the system administrators' Windows machines.
2. The **Agent** is remotely installed over the network to Linux servers in the data centre or back office.
3. Using the **Console**, the system administrator can easily configure Linux server roles and join Linux servers to Microsoft's Active Directory.
4. The **Console** and Windows built-in MMC tools are used for day-to-day administration and monitoring of Linux servers.

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