

# RED HAT ENTERPRISE IPA

## CENTRALLY MANAGE IDENTITY, POLICY, AND AUDIT INFORMATION IN YOUR LINUX AND UNIX ENVIRONMENT

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### WHAT IS IT?

Based upon open technologies and standards, including LDAP and Kerberos, Red Hat Enterprise IPA provides centrally managed identity, single sign-on services, high-availability directory services, and an access control framework in a package that's easy to install and manage.

### WHAT DOES IT DO?

Red Hat Enterprise IPA provides single sign-on services so users can access applications and data with one login. Centrally manage your users and groups (creation, edits, deletions) through a simple GUI.

### WHY SHOULD I CARE?

With Red Hat Enterprise IPA, you can centrally manage your Linux and UNIX machines using native technology. No need for time-consuming do-it-yourself solutions or expensive proprietary ones. Increase the efficiency of your users and administrators by simplifying the management of their user IDs and passwords. Reduce risk by centrally auditing user activity. And prepare for Red Hat's next generation of management and security solutions.

### OVERVIEW

Red Hat Enterprise IPA is an open source identity, policy, audit, and access management solution for users, machines, and services in Linux and UNIX environments. It improves efficiency, reduces risk, and simplifies compliance initiatives for IT. It's built with interoperability in mind, which means easy integration with existing tools and no more vendor lock-in.

- Single sign-on using Kerberos and LDAP
- Multi-master directory replication
- Synchronization with existing directories for ease of administration
- Services mutually authenticate and encrypt, leveraging Kerberos
- Support for open standards, an access control framework

### ENABLES SINGLE SIGN-ON

Single sign-on is the ability for a user to log in once, using a single password, and get authenticated access to all servers that user is authorized to use – without sending any passwords over the network.

Single sign-on has immediate benefits for both the user and administrator. Users can gain access to multiple resources with a single login. For administrators, single sign-on simplifies maintenance across servers. It can also lower enterprise help desk costs by reducing the volume of calls concerning lost passwords.

## HIGH AVAILABILITY

Authentication services are critical to any enterprise and centralizing those services could lead to a single point of failure. By incorporating technologies from Red Hat's robust Directory Server product, Red Hat Enterprise IPA can be deployed in the most mission-critical environments. Features like multi-master replication and support for online backups, updates, and configuration changes ensure that the services are available 24x7.

## SUPPORT FOR LEGACY AND HETEROGENEOUS ENVIRONMENTS

In addition to providing native centralized identity management for your Red Hat Enterprise Linux servers and workstations, Red Hat Enterprise IPA uses open standards to provide the same functionality to other Linux and UNIX platforms. Furthermore, the Windows sync component will make sure that user identities, passwords, and group information are synchronized between Red Hat Enterprise IPA and an existing Windows Active Directory domain. Red Hat Enterprise IPA provides a perfect centralized identity store for enterprises looking to migrate off legacy NIS or local password files.

## IDENTITY MANAGEMENT FRAMEWORK FOR THE FUTURE

Enterprise IPA is the foundation for future Red Hat management and security offerings. Centralized identity is seen as the first step in providing an open source and open standards based centralized identity, policy, and audit solution for Linux and UNIX environments.

## SUPPORTED PLATFORMS AND SYSTEM REQUIREMENTS

### SUPPORTED PLATFORMS

Hardware	Intel / AMD
Architecture	i386 and x86_64
Operating System	Red Hat Enterprise Linux 5, 32- and 64-bit versions

### SYSTEM REQUIREMENTS

Server memory	256 MB
Disk space	2 GB

## SUPPORTED CLIENTS

### OPERATING SYSTEM VERSION

Red Hat	Enterprise Linux 3,4 and 5, Linux 2.1
HP-UX	11, 11i v.1 and 2
Sun	Solaris 2.6, 7, 8, 9, 10
AIX	5.1, 5.2, 5.3
Mac	OSX
Microsoft	Windows XP/2000