

# Features and Benefits

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Server Administration	<ul style="list-style-type: none"><li>• Allows control over virtual servers, quick access to tasks, and integrated cluster management from a browser or a command-line</li><li>• The command-line interface is comprehensive, secure, scriptable and remotely operated</li><li>• Most administration tasks can be applied without requiring processes to restart</li></ul>
Versatile Pattern Matching	<ul style="list-style-type: none"><li>• Provides versatile processing of requests based on patterns, numerous environment variables, masking of complex application URIs, and simple mass hosting.</li></ul>
Java Container and Session Failover	<ul style="list-style-type: none"><li>• A high-performance, in-process Java container provides a Java EE 5 compliant implementation of Java Servlets 2.5, JSP 2.1 and more</li><li>• The Java container offers lightweight session replication and failover via in-memory, secure persistence within a cluster</li></ul>
WebDAV File Management	<ul style="list-style-type: none"><li>• Allows easy management and publishing of content using industry standard tools</li></ul>
HTTP Compression	<ul style="list-style-type: none"><li>• Enables administrators to conserve bandwidth and improve web site performance</li><li>• Responses can be compressed based on MIME type, path, User-Agent, and more</li><li>• Frequently accessed static content can be automatically pre-compressed to ease system load</li></ul>
Virtual Server Support	<ul style="list-style-type: none"><li>• Thousands of domains can be served from a single Java System Web Server</li><li>• Each virtual server can have its own IP address, port, document root, log files, and more</li><li>• Extensive virtualization allows efficient mass-hosting of many domains with extensive customization of each domain</li></ul>
Protection from Common Threats	<ul style="list-style-type: none"><li>• Built-in sed filters allow developers and administrators to use familiar syntax to modify requests and responses</li><li>• This provides protection from common attacks, including Cross Site Scripting (XSS) and Database Injection</li><li>• Also provides protection from distributed attacks by providing request mapping for both URIs and IP</li></ul>
Data Encryption	<ul style="list-style-type: none"><li>• Resources can be secured with advanced Access Control Lists</li></ul>

and Security

(ACLs), built-in LDAP with flexible schema support, SSL v2 & v3, TLS 1.0 and Elliptic Curve Cryptography (ECC)

- SSL key sizes up to 4k can be used, and self-signed certificates can be easily generated
- Integration with Solaris 10 Cryptographic Framework allows use of capabilities such as the Niagara Cryptographic Framework (NCP)
- Dynamic updating of CRLs allows PKI management to be combined with high service-availability requirements

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Integrated Reverse Proxy

- Allows Web Server to act as the HTTP endpoint between any User-Agent and HTTP origin server.

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FastCGI Support

- Provides an efficient way to use third-party technologies in an out-of-process configuration
- FastCGI is commonly used to execute third-party code without incurring a significant performance penalty or sacrificing server stability

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Built-in search engine

- The built-in search engine allows the easy indexing and searching of locally stored common document types.

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64-bit support

- Allows Web Server to take full advantage of the resources available from modern server environments, including a 64-bit Java container, an in-process file cache that can take advantage of all the RAM available, and SSL optimizations.