

## Wild card SSL server certificate

### Technical Specification:

Wild card SSL server certificate for the **bhelhwr.co.in** domain and all its subdomains to create a private & secure connection between clients (like web browsers) and servers, including web servers, mail servers, FTP servers etc. with up to 256-bit SSL encryption.

BHEL Haridwar has several subdomains in Internet and Intranet, hosted in different hardware, using different web/application servers like Apache, IIS, Web logic and Tomcat running on Operating Systems like Windows & Linux.

### Wild card SSL certificate Features/Requirements:

The \* (wildcard) SSL should allow the certificate to be used on any subdomain belonging to the **bhelhwr.co.in** domain name i.e. **\*.bhelhwr.co.in** with following features:

- 1) Secure any subdomain (Internet & Intranet) with SSL Certificate.
- 2) Organisation and Domain Validation.
- 3) Organisation and Domain Name shown on Certificate.
- 4) Compatible with different servers, including but not limited to Apache, Microsoft IIS, Tomcat, and Microsoft Exchange Server, running with Linux, Windows, or any other operating systems.
- 5) Should have an encryption strength up to 256-bit.
- 6) SSL Certificate should use an RSA Public Key of at least 2048 bits.
- 7) 99% browsers compatibility, including but not limited to IE 5+, Chrome 3+, Opera 7+, Safari, and Firefox 1+.
- 8) Strong Mobile compatibility, including but not limited to Android, Windows Phone, Apple iPhone, iPod Safari, and RIM Blackberry.
- 9) Unlimited install on any number of servers.
- 10) Unlimited Server Licensing at no extra cost.
- 11) Reissue as many times as needed during the validity period.
- 12) Clickable Secure Site Seal displaying organization details.

### General Requirements:

- 1) Vendor should provide the detailed Instruction Guide for SSL installation and configuration.
- 2) Vendor should have trained and experienced technical staff for 24x7 support and should provide free of charge support for any issues related to SSL.

Saurabh Joshi  
29/9/14

Har  
29/9/14

Geeta Singh  
29/9/14