



Guide to setting up Windows Smart Card Logon using EJBCA

Introduction


 PrimeKey Solutions	EJBCA and Windows smart card logon guide	Sidnr / Page no 2 (2)
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Table of contents

1 Introduction.....	2
1.1 Prerequisites.....	2
1.2 PKI installation.....	2

1 Introduction

This guide describes how to set up Windows smart card logon using EJBCA as a 3:rd party CA. Using a 3:rd party CA for Windows can be done in several different configurations, but this Guide will focus on using EJBCA as the one and only CA in the system. No Microsoft CA needs to be installed.

The guide is divided in three parts:

- This introduction
- Configuring the PKI
- Configuring the Windows server

Each part is printed in a separate document, to not force the Windows administrator to read many pages of PKI configuration.

1.1 Prerequisites

When setting up smart card logon in windows there are a few prerequisite information items that needs to be gathered.

- All UPN-domains used for logon
- Company name (CA name)
- Certificate request, GUID and DNS from each domain controller

1.2 PKI installation

The CA installation can be either located in company's own location or it can be a hosted service. For small to medium sized organizations without extensive in-house PKI knowledge we recommend a hosted PKI service.

When the PKI is a hosted service the chapter about configuring the PKI will be performed by the service providers staff.