

## INSTALL AND UPGRADE

1. Download and install ignition from [Download Ignition by Inductive Automation](#)
2. Same process to upgrade ignition will recognize and do in place upgrade
3. Default credentials are user:Admin password:password
4. Required modules for app installation.

Ignition Installer

Version: 8.1.34

Location

Modules

Upgrade

Finish

Select Modules

Select the modules you want to upgrade.

Included Modules (18)

Additional Modules (0)

<input type="checkbox"/> Module	Current	New
<input checked="" type="checkbox"/> Alarm Notification	6.1.26.2023032308	6.1.34.2023112816
<input checked="" type="checkbox"/> Allen-Bradley Driver	6.1.26.2023032308	6.1.34.2023112816
<input checked="" type="checkbox"/> BACnet Driver	2.1.26.2023032308	2.1.34.2023112816
<input checked="" type="checkbox"/> DNP3 Driver	4.1.26.2023032308	4.1.34.2023112816
<input checked="" type="checkbox"/> Enterprise Administration	4.1.26.2023032308	4.1.34.2023112816
<input checked="" type="checkbox"/> IEC 61850 Driver	1.1.26.2023032308	1.1.34.2023112816
<input checked="" type="checkbox"/> Logix Driver	5.1.26.2023032308	5.1.34.2023112816
<input type="checkbox"/> Mitsubishi Driver		1.1.34.2023112816
<input checked="" type="checkbox"/> Modbus Driver	7.1.26.2023032308	7.1.34.2023112816
<input checked="" type="checkbox"/> Omron Driver	4.1.26.2023032308	4.1.34.2023112816
<input checked="" type="checkbox"/> OPC-UA	9.1.26.2023032308	9.1.34.2023112816
<input type="checkbox"/> OpcCom		6.1.34.2023112816
<input type="checkbox"/> OpcCom Tunneller		4.1.34.2023112816
<input checked="" type="checkbox"/> Perspective	2.1.26.2023032308	2.1.34.2023112816
<input checked="" type="checkbox"/> Reporting	6.1.26.2023032308	6.1.34.2023112816
<input type="checkbox"/> Serial Support Client		6.1.34.2023112816
<input type="checkbox"/> Serial Support Gateway		6.1.34.2023112816
<input checked="" type="checkbox"/> SFC	5.1.26.2023032308	5.1.34.2023112816
<input checked="" type="checkbox"/> Siemens Drivers	6.1.26.2023032308	6.1.34.2023112816
<input type="checkbox"/> SMS Notification		6.1.34.2023112816
<input checked="" type="checkbox"/> SQL Bridge	10.1.26.2023032308	10.1.34.2023112816
<input checked="" type="checkbox"/> Symbol Factory	7.1.26.2023032308	7.1.34.2023112816
<input checked="" type="checkbox"/> Tag Historian	4.1.26.2023032308	4.1.34.2023112816
<input checked="" type="checkbox"/> UDP and TCP Drivers	6.1.26.2023032308	6.1.34.2023112816
<input type="checkbox"/> Vision		11.1.34.2023112816
<input type="checkbox"/> Voice Notification		6.1.34.2023112816
<input type="checkbox"/> Web Browser		5.1.34.2023112816
<input type="checkbox"/> WebDev		5.1.34.2023112816

## 5. Modify the following files to configure Ignition

"C:\Program Files\Inductive Automation\Ignition\lib\runtime\jre-win\conf\security\java.security"

- Recommended to increase memory allocation to following values in this file

# Initial Java Heap Size (in MB)

wrapper.java.initmemory=4096

# Maximum Java Heap Size (in MB)

wrapper.java.maxmemory=8192

"C:\Program Files\Inductive Automation\Ignition\data\ignition.conf"

- Enable 'rsa\_pkcs1\_sha1, secp224r1' by removing from disabled algos

# jdk.tls.disabledAlgorithms=MD5, SSLv3, DSA, RSA keySize < 2048, \

# rsa\_pkcs1\_sha1, secp224r1

jdk.tls.disabledAlgorithms=SSLv3, TLSv1, TLSv1.1, RC4, DES, MD5withRSA, \

DH keySize < 1024, EC keySize < 224, 3DES\_EDE\_CBC, anon, NULL

## 6. Gateway setting configuration

Retention Count	<input type="text" value="30"/> The number of backups to keep in the backup folder. (default: 5)
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Launch Settings	
Designer Memory	<input type="text" value="4.0 GB"/> Specify the maximum amount of memory that the designer has access to. (default: MB1024)