

# Settings

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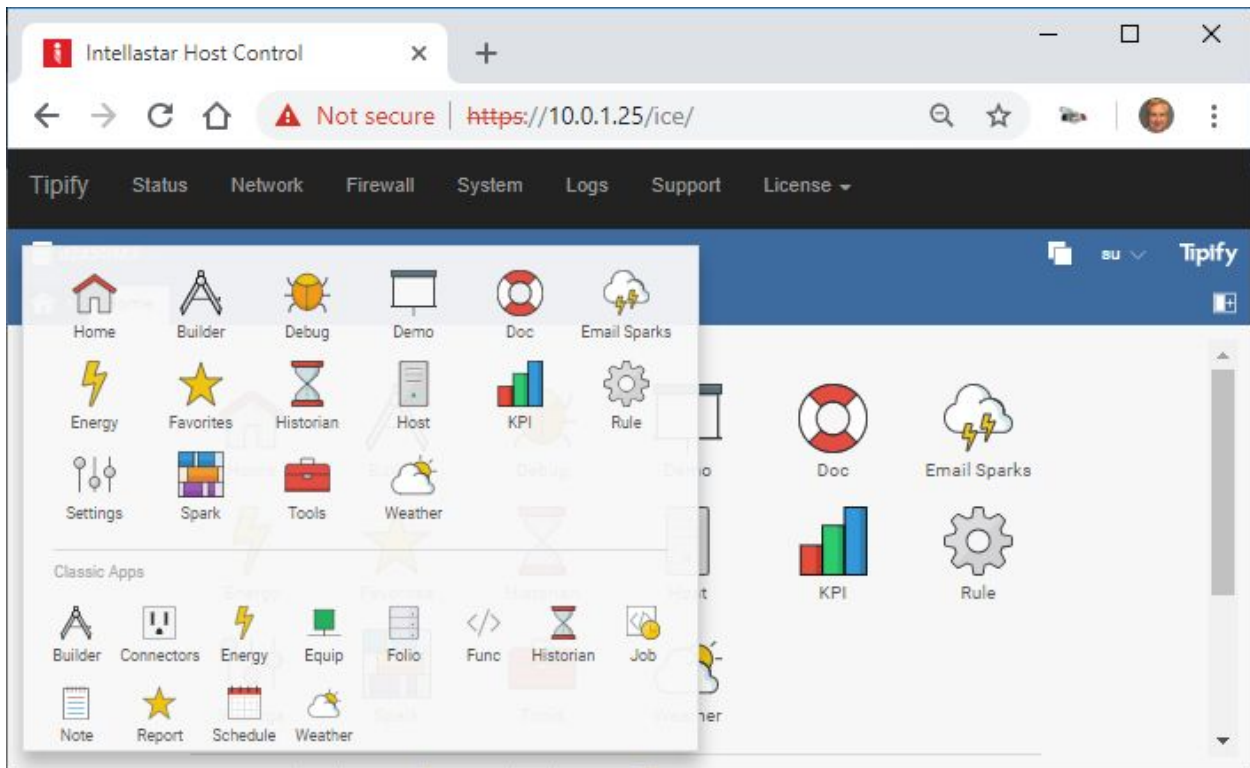
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## Introduction

This document guides you through use of Settings app in Tipify™.

## Overview

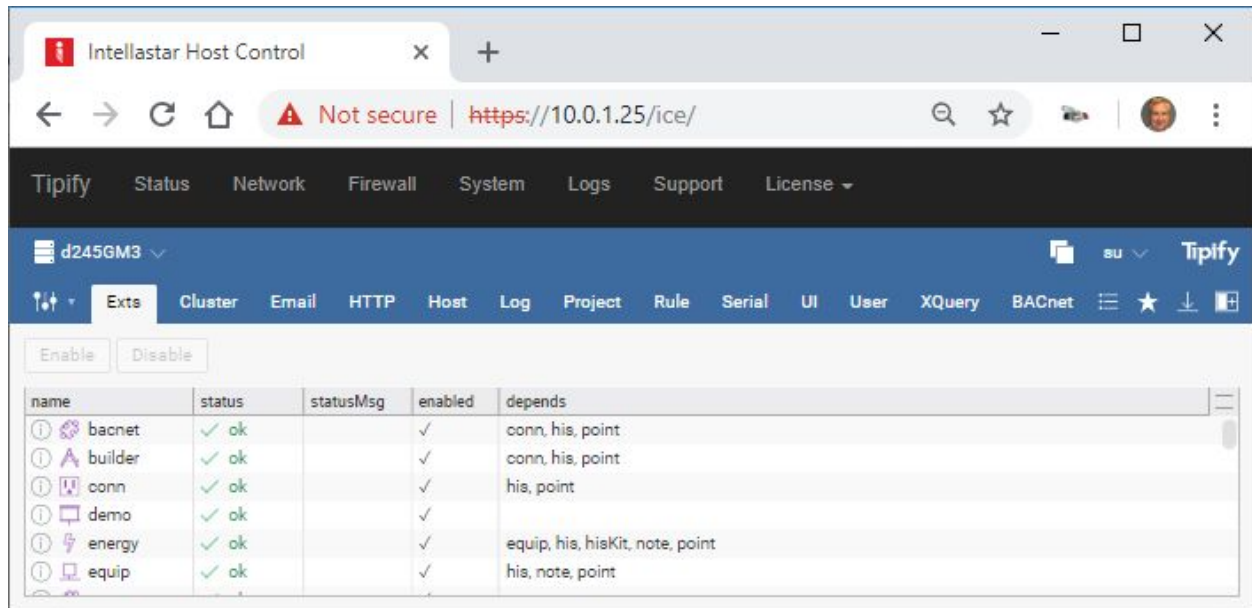
After you login to Tipify™, you will be presented with the Home screen. Select the Settings icon or select Settings from the App Menu in the upper left to start the Settings app.



**Note: Starting the Setting app within a project (like Demo) provides access to additional settings.**

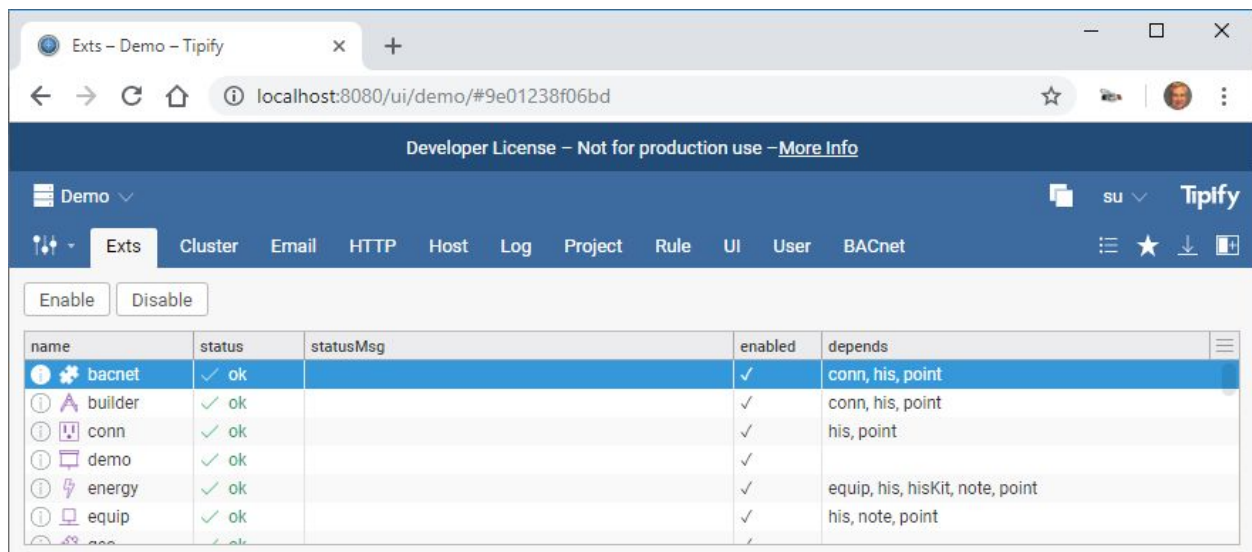
The Settings app includes Exts (project), Cluster, Email, Http, Host, Log, Project (project), Rule (project), Serial (if available), UI (project), and User settings and the settings for any extensions you have enabled (like BACnet).

Preliminary



## Exts (project)

You can Enable and Disable extensions.



## Cluster

Preliminary

Intellastar Host Control x +

Not secure | <https://192.168.1.171/ice/>

Tipify Status Network Firewall System Logs Support License

d245GM2 su Tipify

Extas Cluster Email HTTP Host Log Project Rule Serial UI User XQuery BACnet

Submit

retryMin  s  
Lower bound on randomized time between node connect retries - Restart required

retryMax  s  
Upper bound on randomized time between node connect retries - Restart required

unapprovedLimit   
Max number of unapproved nodes to create in node database

## Email

You can setup and test email.

Intellastar Host Control x +

Not secure | <https://192.168.1.171/ice/>

Tipify Status Network Firewall System Logs Support License

d245GM2 su Tipify

Extas Cluster Email HTTP Host Log Project Rule Serial UI User XQuery BACnet

Submit Test

uri   
SMTP server host and port formatted as 'smtp://host:port/'

tls   
Use TLS/SSL when connecting to SMTP server

## Http

Intellastar Host Control

Not secure | https://192.168.1.171/ice/

Tipify Status Network Firewall System Logs Support License

d245GM2 au Tipify

Extz Cluster Email HTTP Host Log Project Rule Serial UI User XQuery BACnet

Submit

siteUri

Public HTTP or HTTPS URI to use when sharing links to this server. This field should be configured if running behind a proxy server where the local IP host or port isn't what is used for public access. - Restart required

addr

IP address to bind to locally for HTTP/HTTPS ports - Restart required

httpsEnabled

If false all traffic is handled in plaintext on 'httpPort'. If set to true, then all traffic is forced to use HTTPS on 'httpsPort' and requests to 'httpPort' are redirected. - Restart required

httpPort

Port for HTTP traffic - Restart required

httpsPort

Port for HTTPS (only applicable if 'httpsEnabled') - Restart required

**Note: httpPort must remain 50000. You should NEVER change this setting.**

## Host

Preliminary

The screenshot shows a web browser window titled "Intellastar Host Control" with the URL "https://192.168.1.171/ice/". The browser shows a "Not secure" warning. The page has a dark navigation bar with "Tipify" and menu items: Status, Network, Firewall, System, Logs, Support, License. Below this is a blue header for the host "d245GM2" with a user profile "su" and the "Tipify" logo. A secondary navigation bar includes: Exts, Cluster, Email, HTTP, Host (selected), Log, Project, Rule, Serial, UI, User, XQuery, BACnet, and utility icons. The main content area has a "Submit" button and a text input field for "hostDis" containing "test245GM2". Below the input is the text "Display name for this host - Restart required".

## Log

The screenshot shows the same web browser window, but the "Log" tab is selected in the secondary navigation bar. The main content area has a "Submit" button and two configuration fields. The first is "bufMax" with a value of "10000" and the text "Max number of log records to buffer in RAM - Restart required". The second is "maxAge" with a value of "120" and a dropdown menu set to "day", with the text "Max number of days to maintain log files before deleting to free disk space".

## Project (project)

Intellastar Host Control x +

Not secure | https://192.168.1.171/ice/

Tipify Status Network Firewall System Logs Support License

d245GM2 su Tipify

Exts Cluster Email HTTP Host Log **Project** Rule Serial UI User XQuery BACnet

Submit

projMeta ✓

version 3.0.18

dis d245GM2

d245GM2 project

doc

dateSpanDefault today

steadyState 0.0013888888888888889 h

auditAction ✓

auditCommit ✓

siteUri http://192.168.1.171/

Add Tag

## Rule (project)

Intellastar Host Control x +

← → ↻ 🏠 ⚠ Not secure | https://192.168.1.171/ice/ 🔍 ☆ 🗑 👤 ⋮

Tipify Status Network Firewall System Logs Support License ▾

d245GM2 ▾ su ▾ Tipify

↑ ↓ ▾ Exts Cluster Email HTTP Host Log Project **Rule** Serial UI User XQuery BACnet ☰ ☆ ↓ 🗑

Submit

**startDate** Jan 1, 2017 ▾  
Starting date for processing historical rules.

**hotPeriod** 2 day ▾  
Number of days to periodically recompute the most recent window of time.

**hotRefreshFreq** 3 h ▾  
Frequency of recompute during hot period

**numHisActors** 2  
Number of actor threads to allocate to processing historical rules. - Restart required

**hisWorkFactor** 90  
Percent of time dedicated to computing rules for each history actor. For example 90% means that up to 900ms of every 1 sec is allowed per actor to evaluate rules. If your system is CPU bound, then consider lowering this value to ensure more processing power is available for other tasks such as servicing UI requests.

**rosterRefresh** 1 min ▾  
Frequency of database scans to compute the roster of rules and targets. For large, stable databases considering making this value 1hr or higher to avoid wasting power to rescan your database.

## Serial



Preliminary

name	device	status	proj	owner
rs232	/dev/tty00	closed		
rs485	/dev/tty01	closed		

## UI (project)

Submit Config Target Test Nav

uiMeta ✓

projIncludeFilter

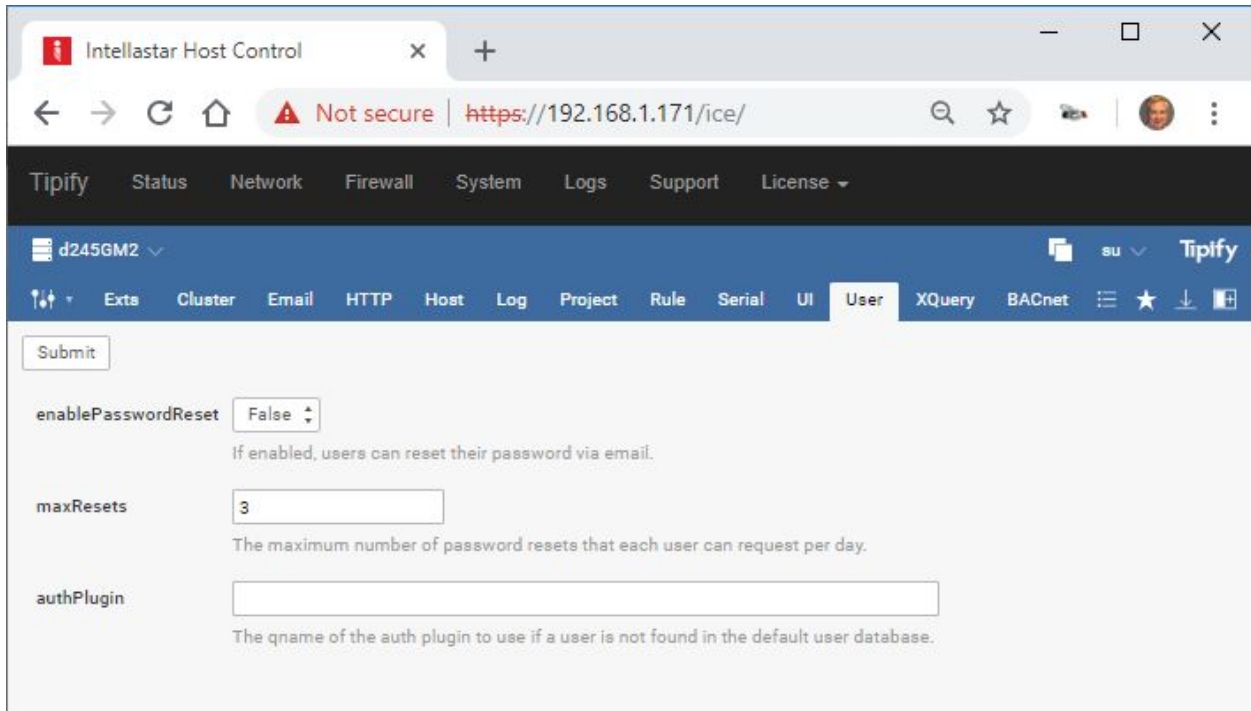
meterPoints {disKey:ui::elecPower, filter:power and sensor and equipRef->elec, quantity} Edit

sparkGroupings {disKey:ui::rule, select:ruleRef.dis, icon:rule}, {disKey:ui::siteState, select:ta} Edit

Add Tag

## User

Preliminary

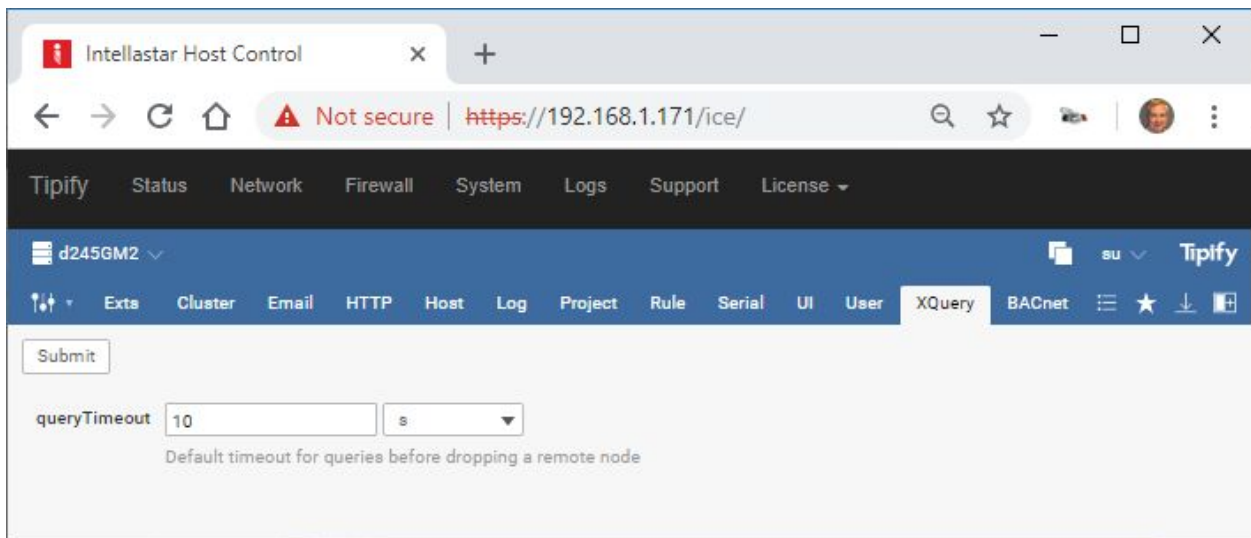


The screenshot shows a web browser window with the title "Intellastar Host Control". The address bar shows "https://192.168.1.171/ice/" with a "Not secure" warning. The navigation menu includes "Tipify", "Status", "Network", "Firewall", "System", "Logs", "Support", and "License". The user is logged in as "su" and the device is "d245GM2". The "User" tab is selected in the sub-menu. The settings page has a "Submit" button and the following fields:

- enablePasswordReset**: A dropdown menu set to "False". Below it, the text reads: "If enabled, users can reset their password via email."
- maxResets**: A text input field containing the number "3". Below it, the text reads: "The maximum number of password resets that each user can request per day."
- authPlugin**: An empty text input field. Below it, the text reads: "The name of the auth plugin to use if a user is not found in the default user database."

## XQuery

You can access queryTimeout.



The screenshot shows the same web browser window as above, but with the "XQuery" tab selected in the sub-menu. The settings page has a "Submit" button and the following field:

- queryTimeout**: A text input field containing "10" and a dropdown menu set to "s". Below it, the text reads: "Default timeout for queries before dropping a remote node"

## BACnet (project)

The screenshot shows a web browser window with the title "Intellastar Host Control". The address bar displays "https://192.168.1.171/ice/" with a "Not secure" warning. The navigation menu includes "Tipify", "Status", "Network", "Firewall", "System", "Logs", "Support", and "License". The user is logged in as "su" on the "Tipify" device "d245GM2". The "BACnet" tab is active, showing a "Submit" button and two configuration fields:

- ipNetworkNumber:** A text input field containing "49608" and a dropdown menu set to "No Unit". Below it, the text reads "B/IP network number. - Restart required".
- ipBindAddress:** A text input field containing "0.0.0.0". Below it, the text reads "IP address to bind to locally for BACnet/IP. The format is 'IP[:PORT]'. If a port is not specified, then an ephemeral port will be used. - Restart required".

## Reference

The reference information is on your device or server via the Doc app or searchable online at <https://skyfoundry.com/doc/>.