Introduction

zebrix is a digital signage technology allowing controlling remote screens and their contents through a centralized CMS. Professional SAMSUNG displays are now equipped with a SOC (System On Chip) which acts as a compact computer and which is able to connect to zebrix without any additional external (media)player. These screens also has wired ethernet interface and wireless.

This document describes network prerequisites for SAMSUNG Screens.

Network prerequisites

Physical connectivity

If you use a wired connection You'll need one available port on your switch per screen. If the spanning tree protocol is enable please configure it in “portfast mode” or disable it. (The spanning tree protocol can prevent the screen to connect zebrix because it will try to reach the server before the spanning tree has allowed the port) If you want to use a wireless network, please ensure that the signal strength is good enough. More generally using a wired connection is always more reliable.

Destination IP and port to allow on your firewall

The most common way to connect a display to zebrix is through http (port TCP 80). You can also use https (443) if you want an encrypted connection. Please note that zebrix connectivity is not compatible with proxy server. If you have to use a proxy on http and https, you will have to connect your to zebrix via TCP 6001 (http) or TCP 6002 (https). Please allow the port that fits the best with your situation.

If you are in Europe:

Source IP	Source Port	Destination IP	Destination Port
any	**any**	**46.105.174.70 (screenv2.zebrix.net)**	**TCP 80 or 443 or 6001 or 6002**

If your are in North America:

Source IP	Source Port	Destination IP	Destination Port
any	**any**	**162.254.24.154 (screen.zebrix.us)**	**TCP 80 or 443 or 6001 or 6002**

If you meet any problem, please contact our support

Europe : support@zebrix.net North America : support@zebrix.us