



**Institut Universitaire de Technologie,
Aix-Marseille Université**

**ANNEXES
Diplôme Universitaire de Technologie
Spécialité Réseaux et Télécommunications**

**Architecture, Administration et Supervision
réseau**

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Table des matières

I. Administration des Switch et gestion du parc informatique.....	4-7
II. Remise en état baie réseau service BLRH.....	8-9
III. Projet de supervision Zabbix.....	10-13

I/Administration des Switch et gestion du parc informatique

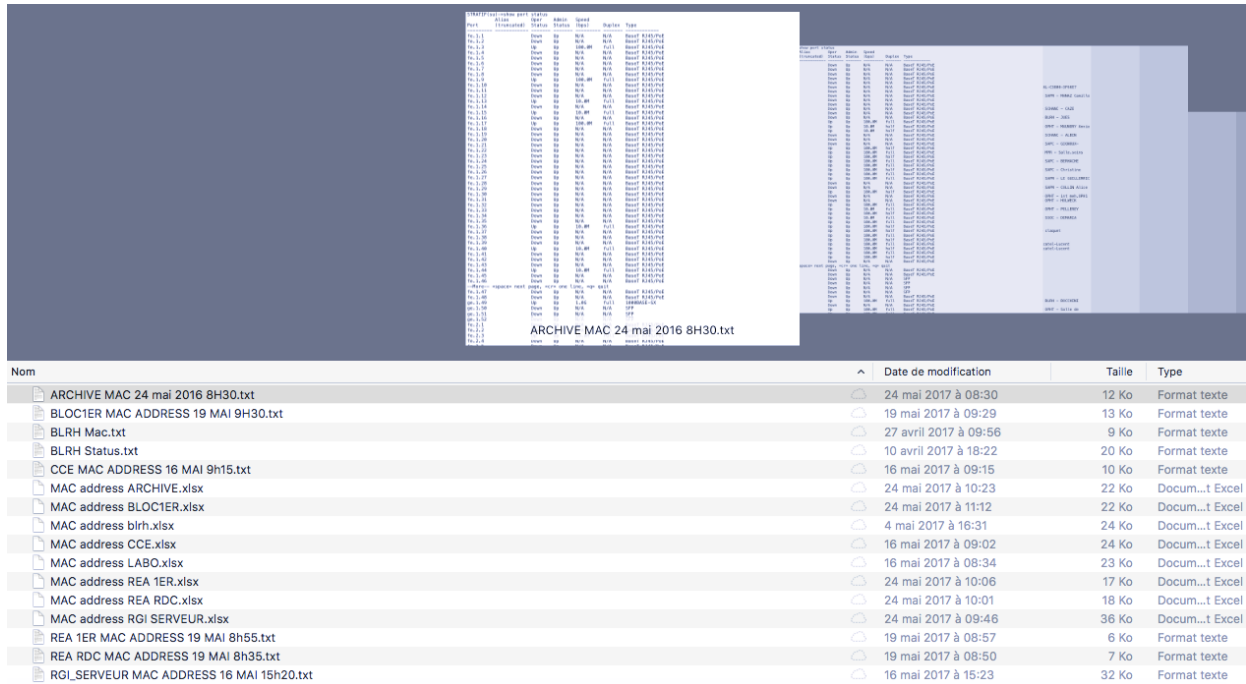


Figure 1: Liste fichiers configurations et Tableaux Excel des switch

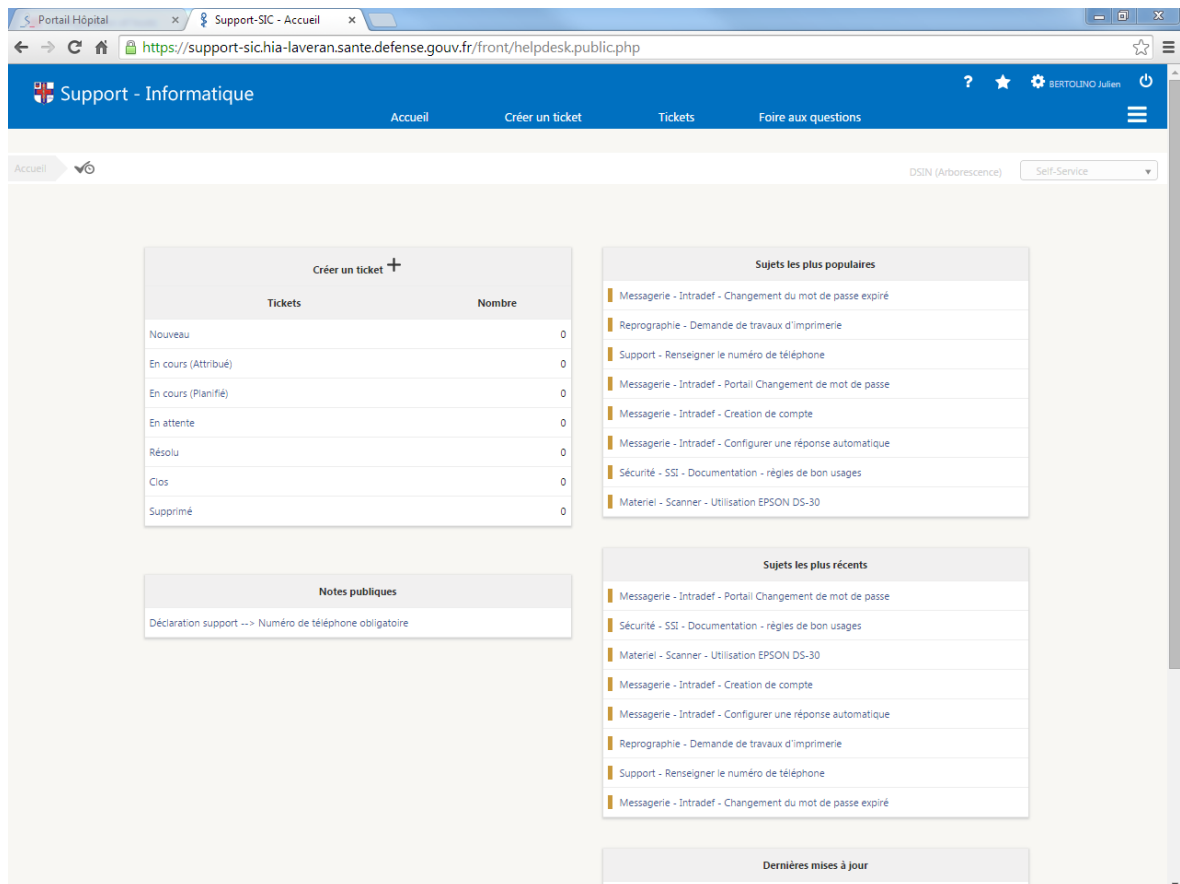


Figure 2: Gestion de ticket GLPI

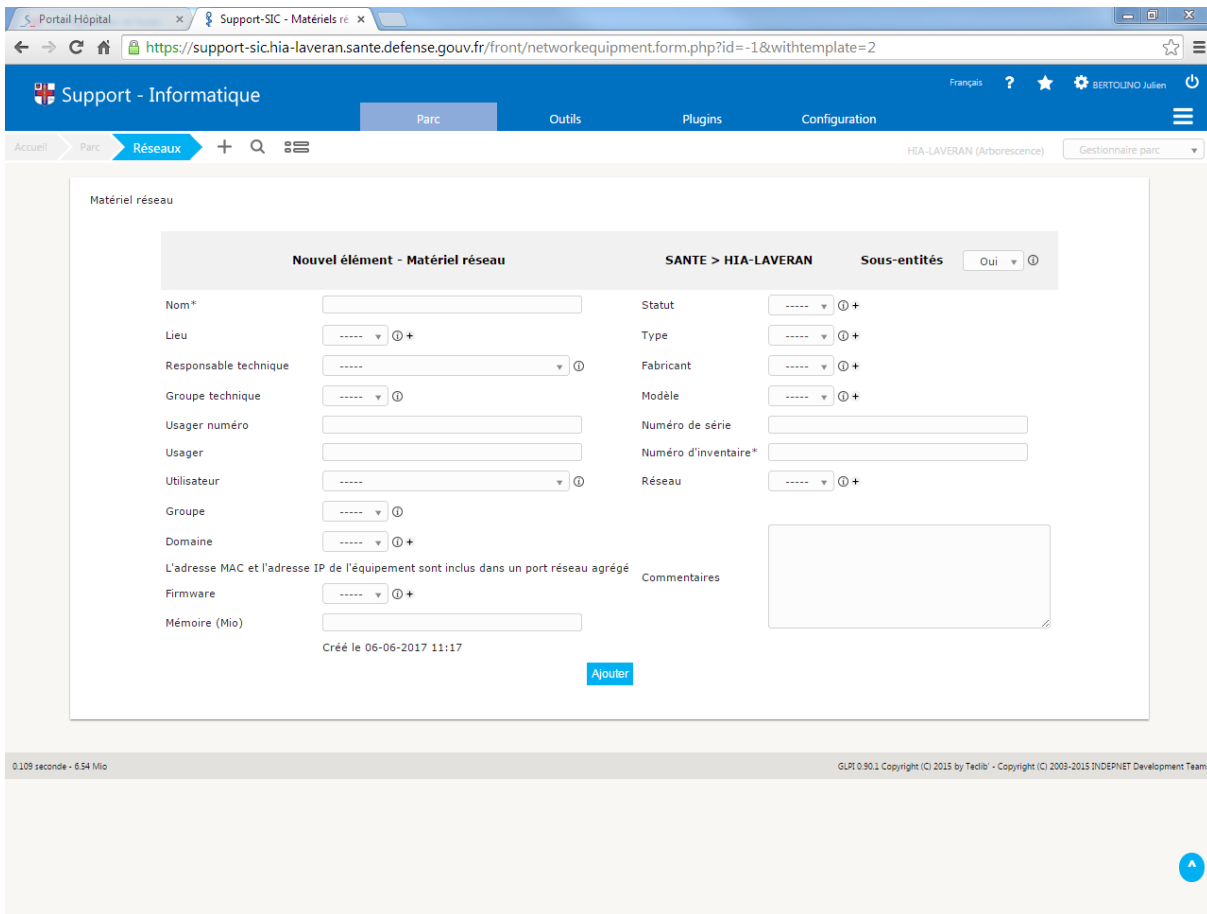


Figure 3: Ajout appareil réseau

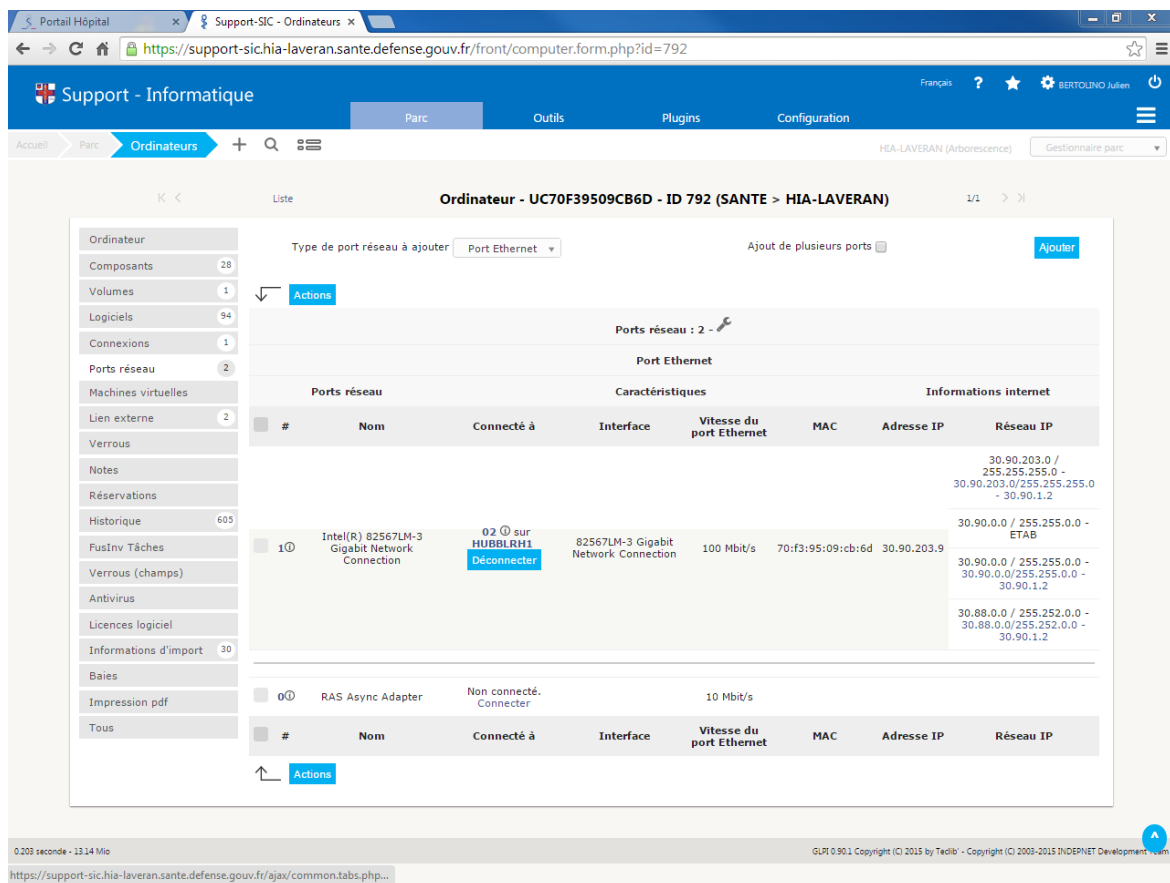


Figure 4: Ajout liaison réseau

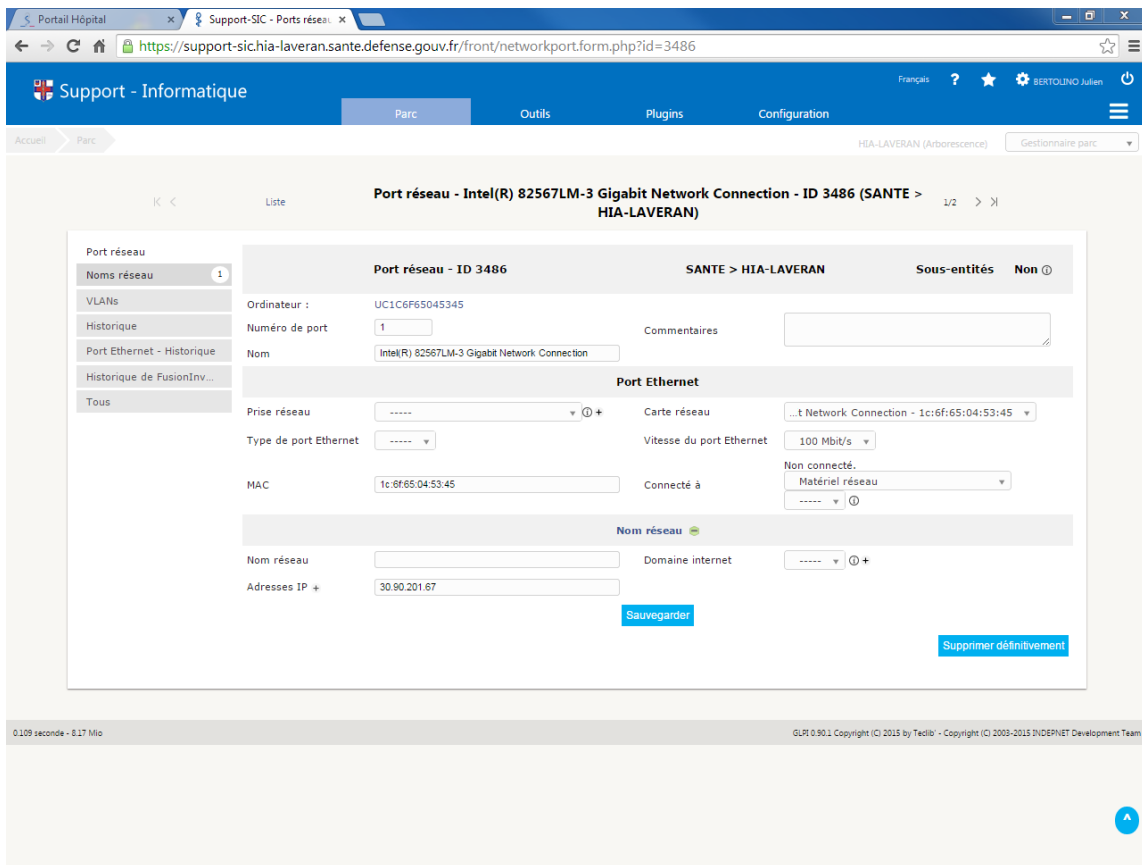


Figure 5: Ajout port réseau

Nom	Entité	Statut	Fabricant	Lieu	Type	Modèle	Firmware	Dernière modification
HUBARCH1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > ARCHIVE					24-05-2017 08:53
HUBBLOC1ER1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > URGENCE					24-05-2017 10:18
HUBBLRH1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					28-04-2017 08:12
HUBBLRH2	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					28-04-2017 08:13
HUBBLRH3	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					28-04-2017 08:13
HUBBLRH4	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					28-04-2017 08:13
HUBCC1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:39
HUBCC2	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:39
HUBLAB1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:16
HUBLAB2	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:16
HUBLAB3	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:16
HUBLAB4	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN					16-05-2017 08:17
HUBREARDC1	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > A1.26.8					19-05-2017 10:17
HUBRG11	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:41
HUBRG12	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:41
HUBRG13	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:41
HUBRG14	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:42
HUBRG15	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:42
HUBRG16	SANTE > HIA-LAVERAN		France > Marseille > HIA-LAVERAN > -1H 7012					17-05-2017 11:42
STORMSHIELD-WIFI	SANTE > HIA-LAVERAN	Production	Stormshield	France > Marseille > HIA-LAVERAN > -1H 7012		SN910		14-05-2017 07:43
SW113-HIALAVLR60	SANTE > HIA-LAVERAN		EMC	France > Marseille > HIA-LAVERAN > -1H 7012		Brocade DS3008		05-04-2017 09:00
SW113-HIALAVLR61	SANTE > HIA-LAVERAN		EMC	France > Marseille > HIA-LAVERAN		Brocade DS3008		17-05-2017 11:43
SW113-HIALAVLR63	SANTE > HIA-LAVERAN		HP	France > Marseille > HIA-LAVERAN		HP		19-05-2017 10:23
SW113-HIALAVLR64	SANTE > HIA-LAVERAN		HP	France > Marseille > HIA-LAVERAN		HP		19-05-2017 10:23
SW113-HIALAVLR65SCE	SANTE > HIA-LAVERAN		HP	France > Marseille > HIA-LAVERAN		HP		19-05-2017 10:23

Figure 6: Liste des appareils réseaux ajoutés

The screenshot shows a web application interface for managing network racks. The page title is 'Support - Informatique'. The navigation menu includes 'Parc', 'Outils', 'Plugins', and 'Configuration'. The current page is 'Baies'. The interface features a search bar with the text 'contient' and a 'Rechercher' button. Below the search bar, there are options for 'Affichage (nombre d'éléments)' set to '50' and 'Page courante en PDF paysage'. The main content area displays a table with the following data:

Nom	Entité
Baie 1	SANTE > HIA-LAVERAN
Baie 2	SANTE > HIA-LAVERAN
Baie 3	SANTE > HIA-LAVERAN
Baie 4	SANTE > HIA-LAVERAN
Baie 5	SANTE > HIA-LAVERAN
Baie Ouverture	SANTE > HIA-LAVERAN
BAIE RESEAU ARCHIVE	SANTE > HIA-LAVERAN
BAIE RESEAU BLOC 1ER	SANTE > HIA-LAVERAN
BAIE RESEAU BLRH	SANTE > HIA-LAVERAN
BAIE RESEAU CCE	SANTE > HIA-LAVERAN
BAIE RESEAU ERRIT	SANTE > HIA-LAVERAN
BAIE RESEAU LABO	SANTE > HIA-LAVERAN
BAIE RESEAU REA 1ER	SANTE > HIA-LAVERAN
BAIE RESEAU REA RDC	SANTE > HIA-LAVERAN
BAIE RESEAU RGI - SALLE SERVEUR	SANTE > HIA-LAVERAN

Figure 7: Liste des baies réseaux ajoutés



Figure 10: Fluke réseau

III/Projet de supervision Zabbix



Figure 11: tape 1 installation Zabbix



Figure 12: Etape 2 installation Zabbix

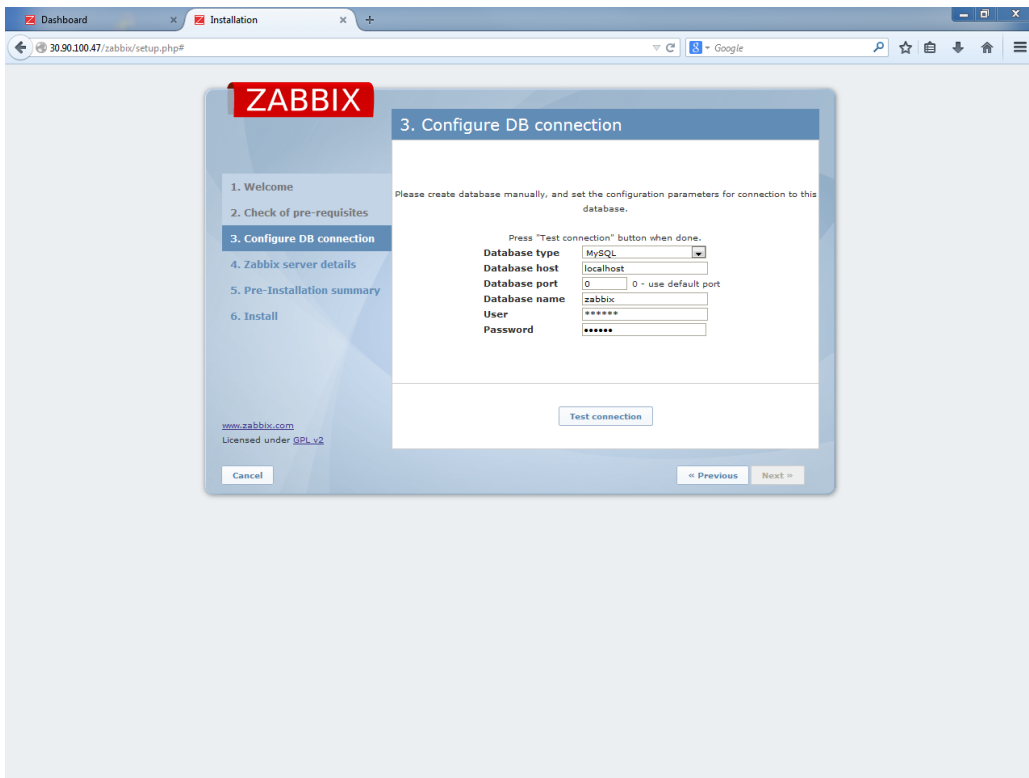


Figure 13: Etape 3 installation Zabbix

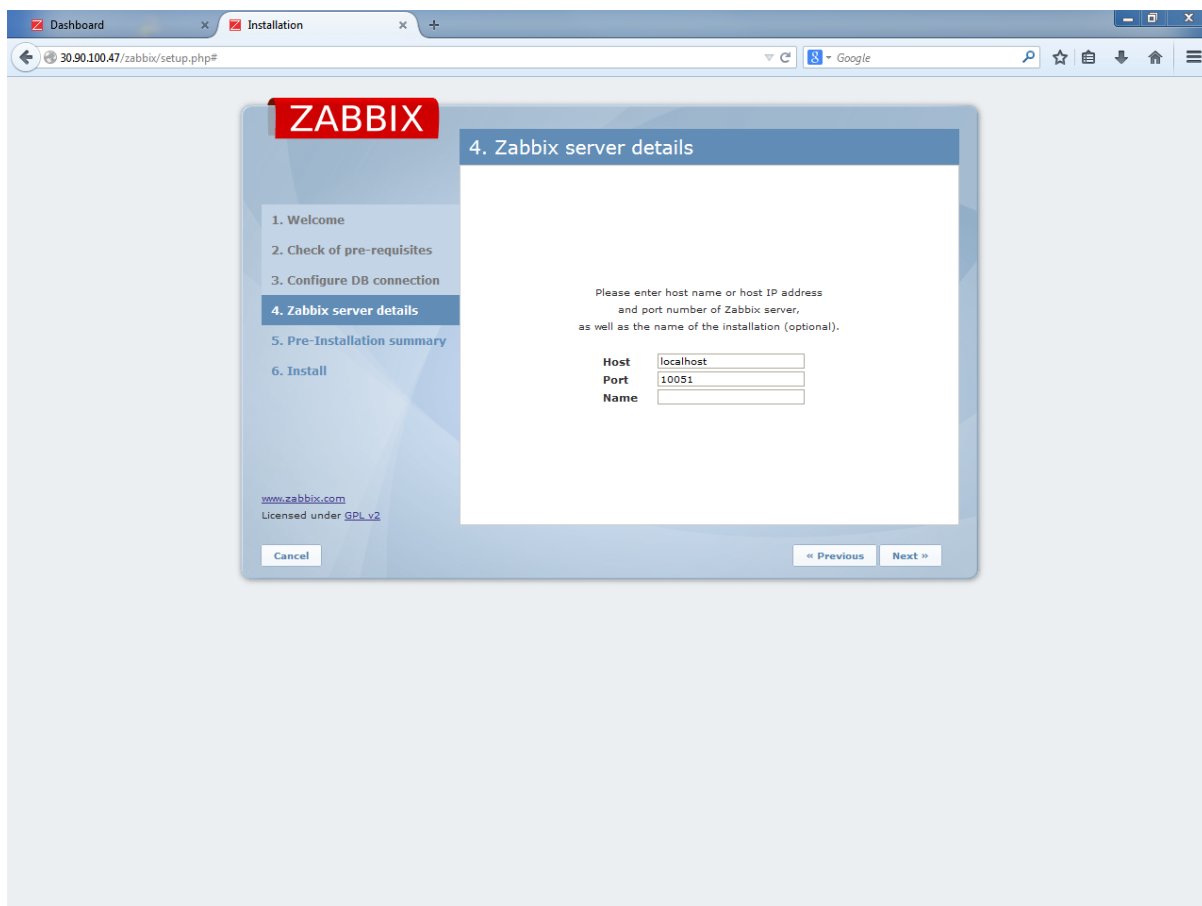


Figure 14: Etape 4 installation Zabbix

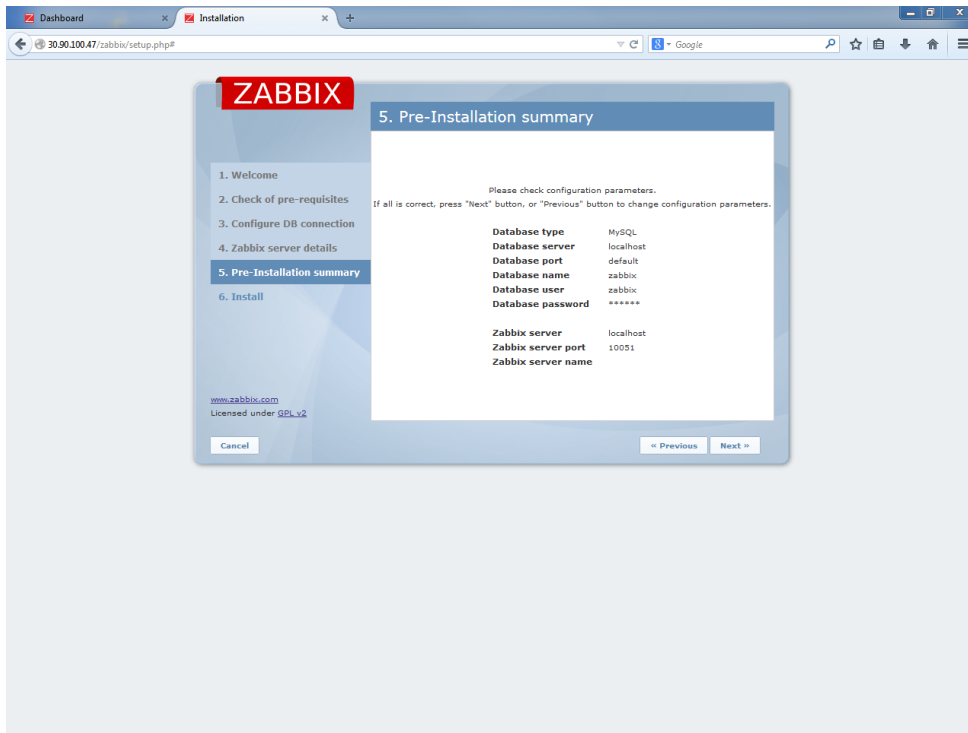


Figure 15: Etape 5 installation Zabbix



Figure 16: Etape finale installation Zabbix

The screenshot shows the Zabbix dashboard interface. The main content area is titled 'PERSONAL DASHBOARD' and contains several widgets:

- Status of Zabbix:** A table showing system parameters.

Parameter	Value	Details
Zabbix server is running	Yes	localhost:10051
Number of hosts (enabled/disabled/templates)	39	1 / 0 / 38
Number of items (enabled/disabled/not supported)	69	64 / 0 / 5
Number of triggers (enabled/disabled [problem/ok])	43	43 / 0 [0 / 43]
Number of users (online)	2	1
Required server performance, new values per second	0.93	-
- System status:** A table showing the overall system health.

Host group	Disaster	High	Average	Warning	Information	Not classified
Zabbix servers	0	0	0	0	0	0
- Host status:** A table showing the status of individual hosts.

Host group	Without problems	With problems	Total
Zabbix servers	1	0	1
- Last 20 issues:** A table showing recent events. It currently displays 'No events found.' and '0 of 0 issues are shown'.
- Web monitoring:** A table showing the status of web scenarios. It currently displays 'No web scenarios found.'.
- Discovery status:** A table showing the status of discovery rules.

Discovery rule	Up	Down
Local_network	0	0

Figure 17: Ecran de bord Zabbix