

Σύνδεση στον Οκεανό

<https://oceanos.grnet.gr>



About Services Blog Resources Opensource Jobs Support

[create an account now >](#)



WELCOME TO OKEANOS!

This is GRNET's cloud service, for the Greek Research and Academic Community. With ~okeanos you are one click away from your own Virtual Machines, Networks and Storage.

STATISTICS

Spawned VMs	Active VMs	Spawned Networks
276,864	7,998	75,930



https://accounts.okeanos.gnet.gr/ui/signup



~okeanos Dashboard | Sign... x



File Edit View Favorites Tools Help

Pithos Cyclades

Sign in >

okeanos dashboard



SIGN UP

[Sign in](#)

Choose one of the following sign up methods.

ACADEMIC

CLASSIC

AAI



GRNET Federation Authentication & Authorization Infrastructure

Select your home institution • Participants • Services • Documentation • Help

Select your Home Organization

You were redirected to this page because you tried to access a service that uses GRNET's AAI. In order to proceed, you have to select your Home Organization from the list below. You may save your selection, in order to avoid this question during future uses of GRNET's AAI.

University of Piraeus

Save my preference: For this browser session Permanently

The Greek Research and Technology Network (GRNET) provides the Hellenic Academic, Research and Education community with advanced services, high-capacity national and international Internet connectivity, assisting the operation of all Universities, Technological Educational Institutions and Research Institutes in Greece.



https://sso.unipi.gr/login?service=https%3A%2F%2Fidp.unipi.gr%2Fcasauth%2F

Central Authentication Servi...



File Edit View Favorites Tools Help



UNIVERSITY OF PIRAEUS

Central Authentication Service

[Sign in](#)

[Secure usage](#)

[Frequent questions](#)

Welcome to the Central Authentication Service for users!
Sign in to affiliated services by giving your credentials only once.



Secure usage of the service

On this page you will find information regarding secure usage of the service.

[More >](#)

Τα στοιχεία που πήρατε από τη
Γραμματεία του τμήματος

With your account

Username:

Password:

Login



UNIVERSITY OF PIRAEUS

This is the Digital ID Card to be sent to **ωokeanos**:



Digital ID Card

Surname	ΤΡΟΥΣΣΑΣ
Given name	ΧΡΗΣΤΟΣ
Principal Name	pld1011@unipi.gr
Affiliation	student
Entitlement	urn:mace:grnet.gr:pki:user
Primary Affiliation	student
Affiliation at Organization	student@unipi.gr
Home Organization	unipi.gr
Personal Unique Code	urn:mace:terena.org:schac:personalUniqueCode:gr:unipi.gr:339:ΠΛΔ1011
Common Name	ΧΡΗΣΤΟΣ ΤΡΟΥΣΣΑΣ
Semester	8
Organizational unit (DN)	ou=339,ou=units,dc=unipi,dc=gr

Confirm

Note: In order to complete successfully the attribute release approval procedure and login to service, you should press the "Confirm" button in less than 5 minutes.

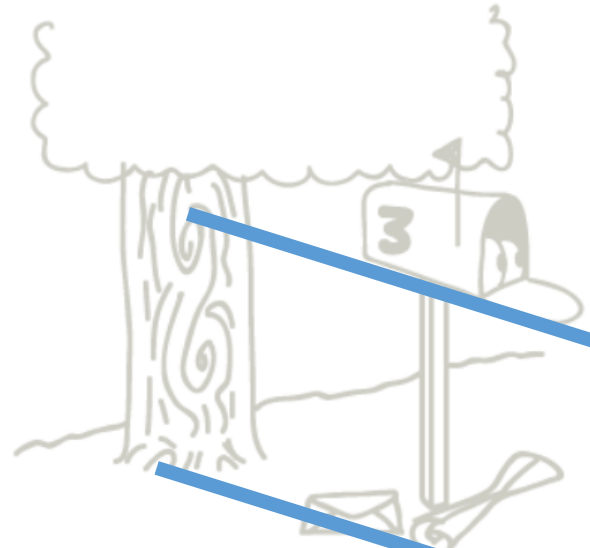
oceanos dashboard

SIGN UP

[Sign in](#)

Hello, it seems this is the first time you try to access the service. Please provide us with the following information to complete your registration process.

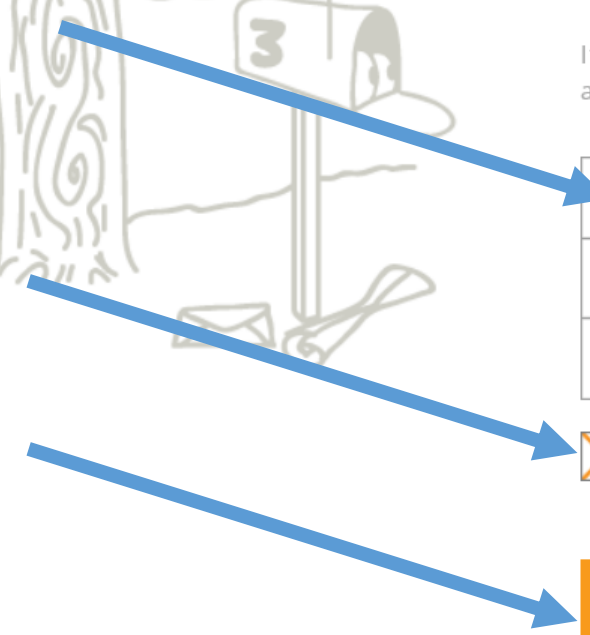
If you are a member of the [GÉANT Community](#) create an account on the [-oceanos global](#) service.



YOURMAIL@UNIFI.GR
ΧΡΗΣΤΟΣ
ΤΡΟΥΣΣΑΣ

I agree with [the terms](#)

SUBMIT CANCEL



Your information has been submitted successfully. An email, containing a verification link has been sent to the email address you provided. Please follow the verification link on this email to continue with the registration process.



LOGIN

[Sign up](#)

If you are a student, professor or researcher you can login using your academic account.

ACADEMIC LOGIN

Classic login (username/password)

Email
Password



~okeanos <no-reply@grnet.gr>

8 Μαρ (Πριν από 3 ημέρες) ☆



προς Εμένα ▾

--- A translation in English follows ---

Αγαπητέ/η ΑΛΕΠΗΣ ΕΥΘΥΜΙΟΣ Δ,

Έπειτα από αίτημα σας έχει δημιουργηθεί ένας νέος λογαριασμός σας για την υπηρεσία ~okeanos της GRNET.

Για να τον ενεργοποιήσετε, χρειάζεται να επιβεβαιώσετε την ηλεκτρονική διεύθυνση που δηλώσατε κατά τη διαδικασία της εγγραφής σας. Παρακαλούμε χρησιμοποιήστε τον σύνδεσμο για να ολοκληρώσετε την ενεργοποίηση του λογαριασμού σας:

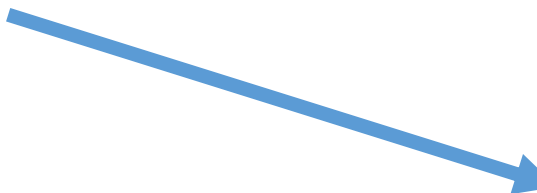
<https://accounts.okeanos.grnet.gr/ui/activate?auth:cd327e411570&next=/ui/>

Αν δεν χρησιμοποιήσατε αυτόν τον λογαριασμό για την εγγραφή σας, μπορείτε να αγνοήσετε αυτό το email και ο λογαριασμός θα διαγραφεί.

Για όποιες παρατηρήσεις ή προβλήματα στη λειτουργία της υπηρεσίας μπορείτε να απευθύνεστε στο support@okeanos.grnet.gr.

Σας ευχαριστούμε πολύ για τη συμμετοχή στην λειτουργία του ~okeanos.

GRNET



oceanos dashboard

Overview **Profile** API access Usage Projects Contact

GENERAL INFO

E-mail address	<input type="text" value="talepis@unipi.gr"/>
First name	<input type="text" value="Ευθύμιος"/>
Last name	<input type="text" value="Αλένης"/>

LOGIN METHODS

Enabled	<input checked="" type="checkbox"/> ACADEMIC	Account: talepis@unipi.gr
Available	<input type="checkbox"/> CLASSIC	

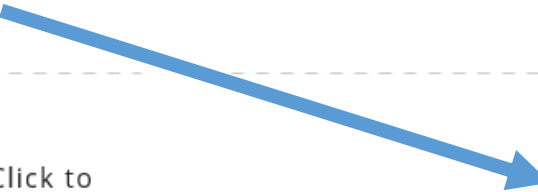
okeanos dashboard

Overview Profile API access Usage Projects Contact

Pithos is the File Storage service. Click to start uploading and managing your files on the cloud.

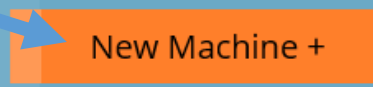


Cyclades is the Compute and Network Service. Click to start creating Virtual Machines and connect them to arbitrary Networks.



Access the dashboard from the top right corner of your screen. Here you can manage your profile, see the usage of your resources and manage projects to share virtual resources with colleagues.

username@synnefo.org



Welcome to ~okeanos!

From this panel you will be able to manage your Virtual Machines (VMs).

The panel is currently empty, because you don't have any VMs yet. Start by clicking the orange button on the top left. The wizard will guide you through the whole process.

Create new machine close








1 Image Select an OS
Choose your preferred image

2 3 4 5

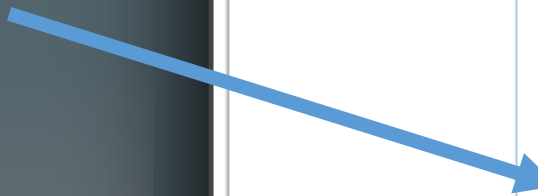
Image type

- System
- My images
- Shared with me
- Public

Available images

 NetBSD <small>by system</small>	4.75 GB
NetBSD 6.1.2 (GENERIC)	details
 OpenBSD <small>by system</small>	4.75 GB
OpenBSD 5.4 (GENERIC)	details
 FreeBSD <small>by system</small>	1.50 GB
FreeBSD 9.2-RELEASE (GENERIC)	details
 OpenSUSE <small>by system</small>	4.85 GB
openSUSE 13.1 (x86_64)	details
 Windows Server 2012 <small>by system</small>	14.70 GB
Windows Server 2012 Datacenter	details
 Windows Server 2008R2 <small>by system</small>	14.38 GB
Windows Server 2008 R2 Datacenter	details
 CentOS <small>by system</small>	676.76 MB
CentOS release 6.5 (Final)	details

cancel next



Create new machine close

1 **2 Flavor** **3** **4** **5**

Select CPUs, RAM and Disk Size
Available options are filtered based on the selected image

Predefined

- Small
- Medium
- Large

CPUs (2 left) Choose number of CPU cores

1x 2x 4x 8x

Memory size (4.00 GB left) Choose memory size

512 MB 1 GB 2 GB 4 GB 6 GB 8 GB

Disk size (40.00 GB left) Choose disk size

5 GB 10 GB 20 GB 40 GB 60 GB 80 GB 100 GB

Storage Select storage type

Standard Archipelago

Storage supporting fast, thin cloning and soon snapshots. Ideal for your elastic VMs, e.g.: desktop, experimental servers, short-lived compute-intensive servers.

previous **next**

Create new machine close

1 2 3 **Networking** 4 5

Networking configuration
Connect machine to networks

Available networks

Select the networks you want your machine to get connected to.

- Internet (public IPv6)
- Internet (public IPv4)
- 83.212.113.184**

previous next




Create new machine close

1 2 3 **4 Personalize** 5

Virtual machine custom options
Virtual machine custom options

Machine name

 talepis 2 Windows 2012 server x

Public SSH keys

Your account contains the following SSH public keys. Select one or more to activate in your new machine. You will then be able to ssh with the corresponding private key without a password.

The image you selected does not support ssh key assignments.

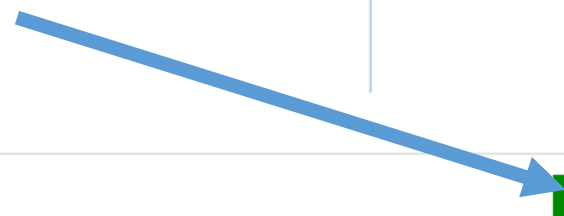
Suggested tags

You may change machine tags later from the machines view.

Role

Database server File server
Mail server Web server
Proxy

previous next



Create new machine close

1 2 3 4 **5 Confirm** Confirm your settings
Confirm that the options you have selected are correct

Machine name
🇬🇧 **talepis 2 Windows 2012 server**

Image	Flavor	IP Addresses
Windows Server 2012 Windows Server 2012 Datacenter	CPUs 2x Memory 4096 MB Disk 40.00 GB Storage type Archipelago	83.212.113.184

OS	GUI	Kernel
Windows	Windows, Metro UI	Windows NT Kernel

Private networks
No private networks selected

Machine Tags
No tags selected


previous create machine



Machine password

close

Your new machine is now buidling... (this might take a few minutes)

Write down your password now: **1234567890** 

You will need this later to connect to your machine.
After closing this window you will **NOT** be able to retrieve it again

OK



snf-471440.vm.oceanos.grnet.gr

info

IP addresses



machines

New Machine +

icon list single



talepis 2 Windows 2012 server
snf-471440.vm.oceanos.grnet.gr

Running



info IP addresses



machines

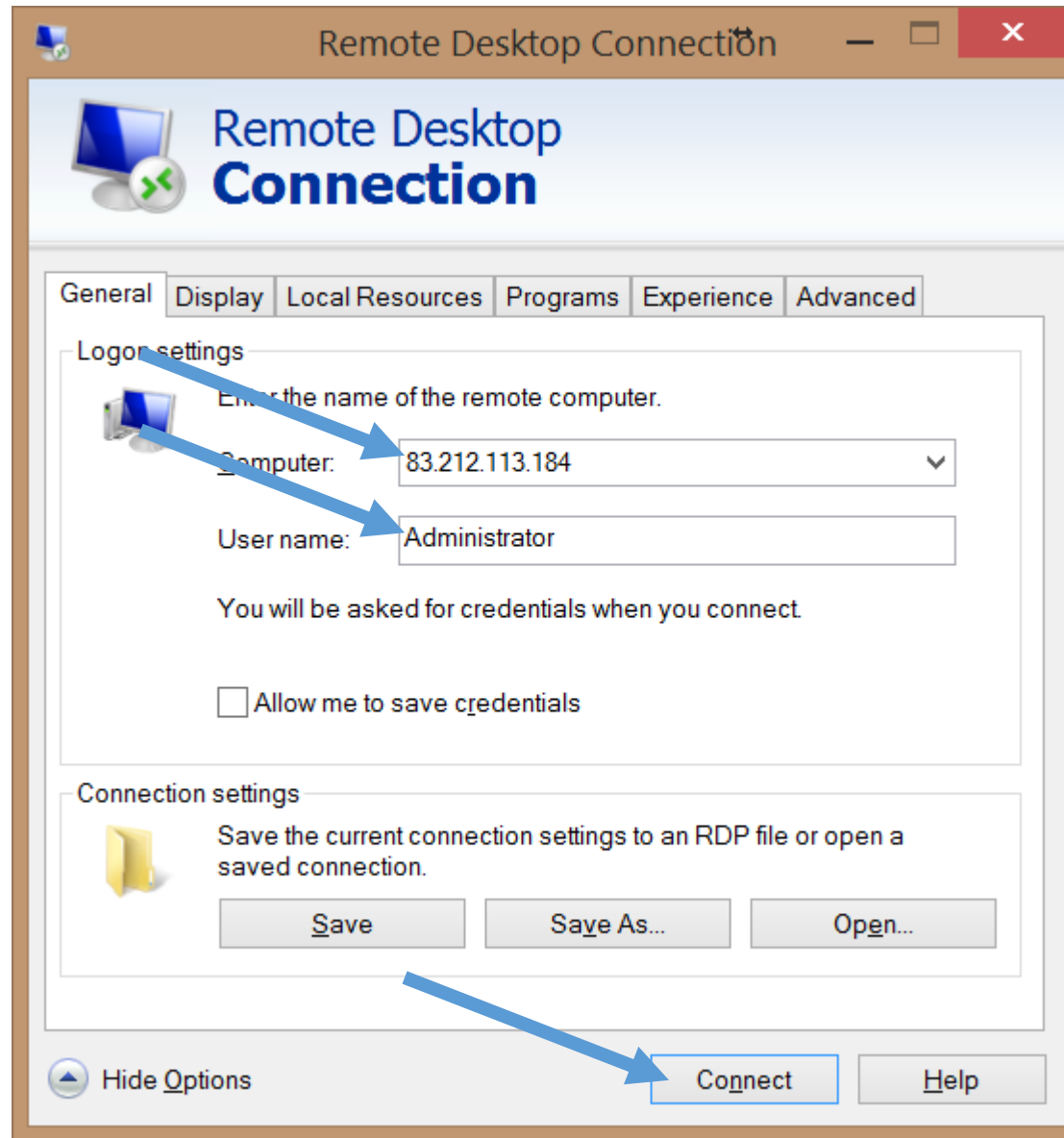
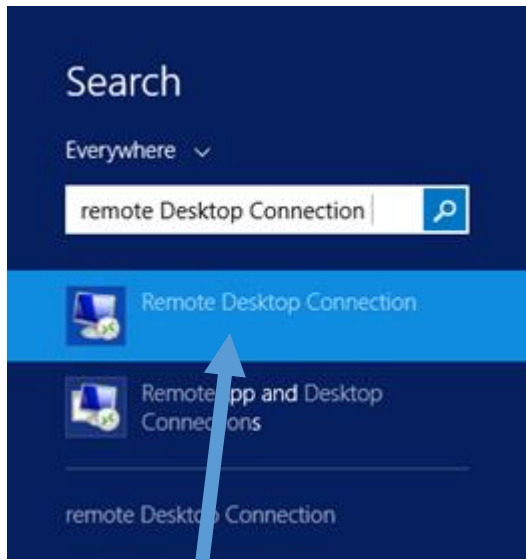
New Machine +

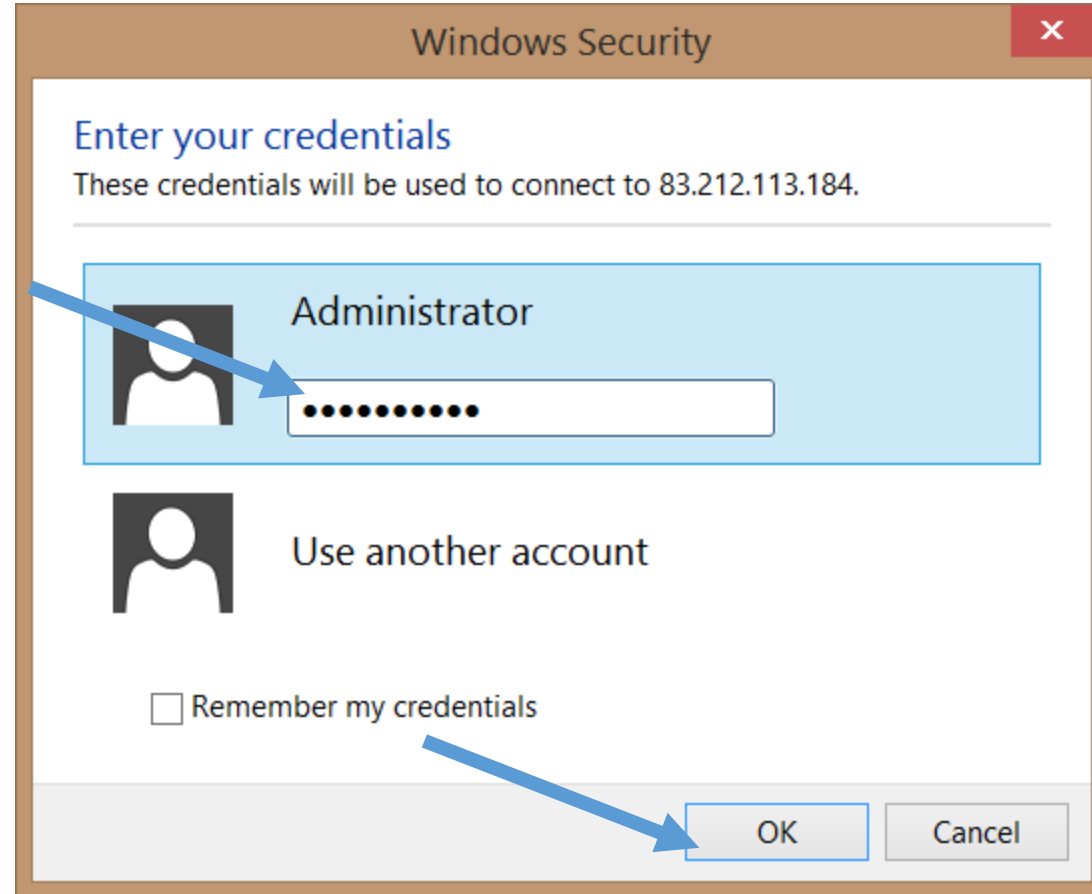
icon list single

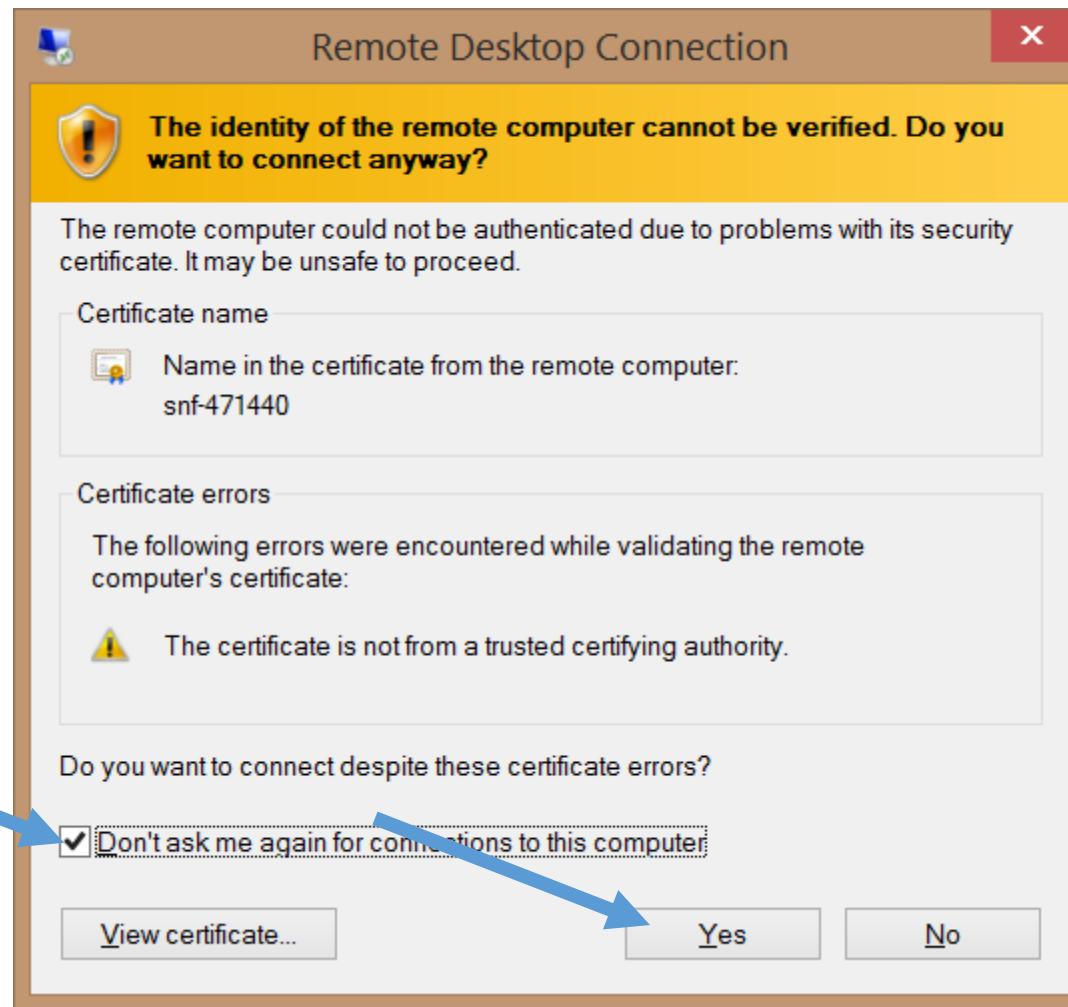
 **talepis 2 Windows 2012 server** Running ■ ■ ■ ■
snf-471440.vm.oceanos.grnet.gr
[info](#) [IP addresses](#)

IPv6	2001:648:2ffc:1225:a800:3ff:fe83:480b	Public IPv6 Network
IPv4	83.212.113.184	Public IPv4 Network

- Reboot
- Shutdown
- Console
- Resize
- Destroy







The identity of the remote computer cannot be verified. Do you want to connect anyway?

The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.

Certificate name



Name in the certificate from the remote computer:
snf-471440

Certificate errors

The following errors were encountered while validating the remote computer's certificate:



The certificate is not from a trusted certifying authority.

Do you want to connect despite these certificate errors?



Don't ask me again for connections to this computer


View certificate...

Yes

No

Start

Administrator 

 Server Manager	 Windows PowerShell	 Default Programs	 Windows Media Player
 Computer	 Task Manager	 Character Map	 Disk Cleanup
 Control Panel	 Internet Explorer	 Snipping Tool	 Sound Recorder
 Desktop		 Math Input Panel	 Mozilla Firefox
 Administrative Tools	 Store		



Recycle Bin



Mozilla
Firefox

 Windows Server 2012



ENG

12:25 πμ

11/3/2014

Εγκατάσταση XAMPP στον νέο μας server

- Στη συνέχεια εγκαθιστούμε το πακέτο xampp σύμφωνα με τις οδηγίες των σημειώσεων που σας έχουν δοθεί
- Φυσικά, εναλλακτικά μπορείτε να εγκαταστήσετε αυτόνομα τα συστατικά: Apache, MySQL και PHP, καθώς και το διαχειριστικό εργαλείο βάσεων δεδομένων “phpmyadmin”
- Λόγω του ότι χρησιμοποιούμε έναν server, πρέπει να είμαστε ιδιαίτερα προσεκτικοί στα θέματα ασφάλειας
- Εξ ορισμού, το virtual machine που δημιουργήσαμε με εγκατεστημένο το λειτουργικό σύστημα Windows 2012 Server έχει ενεργοποιημένα συστατικά που αφορούν την ασφάλεια
- Εφόσον θέλουμε να «τρέξουμε» και σελίδες από εξωτερικούς clients, καλώντας τον server από την ip του, θα πρέπει πρώτα να δώσουμε στο firewall του server μας τον κατάλληλο κανόνα, ώστε να εξαιρέσει το port του Apache από τα blocked ports