



सत्यमेव जयते

भारत सरकार  
Government of India  
रक्षा मंत्रालय  
Ministry of Defence  
रक्षा लेखा महानियंत्रक

Office of the Controller General of Defence Accounts  
उलान बटार रोड़, पालम, दिल्ली छावनी-110010

Ulan Batar Road, Palam,  
Delhi Cantt - 110010

दूरभाष/PHONE NO. 25665761,62, फैक्स/FAX NO. 25675030



न. मैक/आईटी व एस/712/एन आई सी क्लाउड

दिनांक: 12/02/2018

सेवा में

सभी रक्षा लेखा प्रधान नियंत्रक/ रक्षा लेखा नियंत्रक  
रक्षा लेखा प्रधान नियंत्रक(फैक्टरी)/नियंत्रक (फैक्टरी)

विषय : एन आई सी क्लाउड पर होस्ट करने के लिए वर्चुवल मशीन की  
आवश्यकता ।

उपरोक्त विषयक के संबंध में कृपया संलग्न पत्र देखें।

सहायक लेखा अधिकारी  
12/02/18

रक्षा लेखा महानियंत्रक  
**CONTROLLER GENERAL OF DEFENCE ACCOUNTS**

सूचना प्रौद्योगिकी एवं प्रणाली

**Information Technology & Systems Wing**

उलान बटार रोड़ 10-दिल्ली कैंट ,पालम ,

**Ulan Batar Road, Palam, Delhi Cantt-10**

Phone: 011-25665761-63 Fax:-011-25675030

Website: <http://cgda.gov.in> e-mail: [cgdanewdelhi@nic.in](mailto:cgdanewdelhi@nic.in)

Email/Fax

No. Mech/IT&S/712/NIC-Cloud

Dated: 09.02.2018

To,

All PCsDA/CsDA

Pr. CA (Fys) / CsA (Fys)

Sub: Requirement of VMs for Hosting on NIC cloud


NIC in its recent circulars has advised the Govt. offices to shift their existing websites (that are hosted on shared resources) to NIC cloud. Accordingly, this office has started receiving requests from Controllers for providing resources(Virtual Machines) on NIC Cloud.

2 In this context, it is intimated that before forwarding request to this office for providing resources on NIC cloud, the local NIC at or near your station may please be approached. If the local NIC is providing cloud services, the same may be obtained from them.

3 In case the local NIC is unable to provide cloud services, the specifications duly approved by PCDA/CDA may be forwarded to this office in the attached format. A broad estimate of specifications can be derived by keeping in view the expected traffic flow(number of concurrent users, no. of visitors per day/month etc) and the memory requirements of the pages of website(dynamic pages require more memory). The Hard disk space of the server can be calculated by analysing the number of tables in the database, data that is going to be stored in the server for the next 2-3 years etc.

4 After the receipt of specifications in prescribed format the NIC Cloud support will be requested to provide the same. Once, the resources are provided by the cloud support, the VMs will be created and its details will be forwarded to your office alongwith the credentials of project admin created for the purpose. Thereafter, the enclosed procedure may be followed for hosting the website on NIC cloud.

This has approval of Jt. CGDA(IT)

  
(Arvind Wani)  
Dy. CGDA(IT)

## Cloud Hosting - Procedure

NIC has initiated Cloud services for hosting the websites of Govt. organisations on its cloud (Meghraj). A step by step guide for hosting a website on NIC cloud is given below. It is to be noted that the steps mentioned in the procedure have been created based upon this office experience of hosting the website on NIC cloud and some guidance from NIC, therefore, the steps and point of contact may vary.

S.No.	Description	Responsibility	To contact
1	The office intending to host the website will be responsible for development of the website and its security audit from CERT-IN empanelled vendor. The office will also apply for domain name for the website. The office will write to Organisation Admin at IT&S Wing of HQrs office duly intimating the website details(platform and configuration of the server required)	Controller Office	HQrs office IT&S Wing
2	Organisation admin on receipt of the request will request Cloud support team for the resources requested by the office.	Organisation Admin at HQrs office	Online request through Cloud credentials provided for the purpose
3	On receipt of resources from NIC Cloud, the Org Admin will assign the same to Project created for the purpose. A project Admin will be created by the Org Admin and will be assigned the project. Org Admin will also create the Virtual Machines(VM) in the project.	Organisation Admin at HQrs office	--
4	The Project Admin credentials will be provided to the office alongwith other details like IP address of VM.	Organisation Admin at HQrs office	--
5	The Office will now apply for the VPN certificate through the NIC Coordinator	Controller office	Online at <a href="https://vpn.nic.in">https://vpn.nic.in</a>
6	ON receipt of VPN credentials, the office will be able to login into its cloud dashboard. The office will be able to view the VM details and can make changes in it. Office will have full control over the VM and the services of Org Admin will not be required after this.	Controller office	
7	The office will request for public IP for the website	Controller office	Email to

	duly quoting the cloud reference no and project details.		<a href="mailto:support@cloud.gov.in">support@cloud.gov.in</a> . 011-22181750, 22185365
8	Then, the office will initiate a request for opening of firewall port 80/443 (http/https) for public access.	Controller office	Office will request NIC Co-ordinator alongwith Security Audit certificate.
9	The office will submit new/change request for DNS	Controller office	<a href="mailto:dns-request@nic.in">dns-request@nic.in</a>
10	For any other assistance, like SMTP Backup, Antivirus, Load Balancing	Controller office	<a href="mailto:support@nic.in">support@nic.in</a> , 011-24305101/51 <a href="mailto:support-ndcsp@nic.in">support-ndcsp@nic.in</a> , 011-22181403, 22900001(Extn 1102/1103)

**Name of Controller:**

**Name of Sub office**(if the website pertains to sub office):

<b>Number of VM required(atleast Two VM i.e. Application and Database</b>	<b>Number of CPUs required in each VM</b>	<b>RAM for each VM</b>	<b>Hard disk space requied for Web server</b>	<b>Hard disk space required for Database server</b>	<b>Operating system for both VM</b>	<b>Name of the Database required</b>	<b>Remarks, if any</b>