

About DeitY

The main objective of Department of Electronics and Information Technology is to do e-Development in India as the engine of transition into developed nation and an empowered society.

e-Governance in India has steadily evolved from computerization of Government Departments to initiatives that encapsulate the finer points of Governance, such as citizen centricity, service orientation and transparency. Lessons from previous e-Governance initiatives have played an important role in shaping the progressive e-Governance strategy of the country. Due cognizance has been taken of the notion that to speed up e-Governance implementation across the various arms of Government at National, State, and Local levels, a programme approach needs to be adopted, guided by common vision and strategy. This approach has the potential of enabling huge savings in costs through sharing of core and support infrastructure, enabling interoperability through standards, and of presenting a seamless view of Government to citizens.

About NIC

NIC provides ICT support to the Government at all levels right from Central Government, State Government/ UTs, Districts across India. NICNET, the nationwide network of NIC has over 60,000 users. More than 2 million people access NIC hosted government portals everyday for government information and services. The Data Centres of NIC host more than 6000 websites of the government. NIC operates government eMail service with more than 80 million emails exchanged per day. NIC has also been associated with the implementation of various national level e-Governance projects such as Community & Rural Development, Cooperative Core Banking Solution, e-Scholarship, Exam Results, Admission Counselling, e-Courts, e-Prisons, Immigration Visa Foreigners Registration & Tracking (IVFRT) etc.

Avail Cloud Services



Infrastructure as a Service

Provision IT infrastructure components... Compute, Memory, Storage.



Platform as a Service

Preconfigured secured Web servers and Database servers.



Software as a Service

Use software without worrying about underlying infrastructure.



Storage as a Service

Need based storage solution for varied requirements.

- Visit <https://cloud.gov.in> for Cloud Services.
- Apply & Register for Services.
- On registration users will receive acknowledgement.
- On satisfying eligibility conditions, users will receive a "Welcome Mail" for Sign up.
- Login for Sign up is allowed with GoI email accounts only.
- On successful Sign up, users will receive T&C document over their email.
- Users are required to download this document and submit the duly signed & stamped document to NIC Cloud Team through their concerned NIC HODs/ SIOs.
- Once document is received the Sign up process is complete, users can then request for variety of Cloud Services being offered by NIC.

NIC Cloud Helpdesk

Phone: **011-22181750/51**

Email: **support@cloud.gov.in**

Web Hosting & Cloud Computing Services Division
National Informatics Centre (NIC)
A-Block, CGO Complex, Lodhi Road, New Delhi - 110003



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GOVERNMENT OF INDIA

CLOUD SERVICES

from National Informatics Centre

<http://cloud.gov.in>



Department of Electronics & IT
Ministry of Communications &
Information Technology
Government of India



Public services closer home



Cloud computing is changing the way, Government manages its ICT services. Cloud as a means of provisioning ICT infrastructure provides setups that are cost effective, agile and sustainable to ensure rapid deployment and delivery of services.

Cloud Computing helps the Government avail Data Centre resources on demand. Departments need not provision a large ICT infrastructure in advance. They can easily scale up resources as per the requirement of their projects. They can now focus on development and commissioning of their applications, leaving aside concerns of availability of infrastructure.

MeghRaj: Government of India Cloud

In order to utilise and harness the benefits of Cloud Computing, Government of India has embarked upon an ambitious initiative – “GI Cloud” which has been named as ‘MeghRaj’. The focus of this initiative is to accelerate delivery of e-services in the country while optimizing ICT spending of the Government. This will ensure optimum utilization of the infrastructure and speed up the development and deployment of eGov applications. The architectural vision of GI Cloud encompasses a set of discrete cloud computing environments spread across multiple locations, built on existing or new (augmented) infrastructure, following a set of common protocols, guidelines and standards issued by the Government of India. Two Policy reports viz., “GI Cloud Strategic Direction Paper” and “GI Cloud Adoption and Implementation Roadmap” have been prepared by DeitY. The reports are available at: <http://deity.gov.in/content/gi-cloud-initiative-meghraj> for download.

National Cloud by NIC

National Cloud is a state-of-the-art secured government Cloud set up by NIC, providing services over the ICT Infrastructure spanning its National Data Centres. The Cloud Services available are Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS) and Storage as a Service (STaaS). NIC is providing Cloud services under the umbrella of MeghRaj.

The screenshot shows the website for National Cloud by NIC under the MeghRaj Cloud Initiative. The header includes the logo, navigation menu (HOME, ABOUT MeghRaj, SERVICES, FAQ, INFO VIDEO, CONTACT US), and accessibility options. The main content area features a large image of a hand holding a network cable, with a list of services: Virtual Machines on demand, Pre-configured web servers, Pre-configured database servers, Multi location cloud, and Secured Infrastructure. Below this is a 'Get NIC Cloud Services' form with fields for Department Name, Contact Name, Designation, Email, and Mobile. A prominent orange button says 'MY CLOUD CLICK HERE TO GO TO YOUR CLOUD DASHBOARD'. An 'ANNOUNCEMENTS' section highlights the 'Launch of National Cloud on 4th February 2014'.



Features of National Cloud

Multi-Location Cloud: Multiple cloud nodes are being setup across India in National Data Centres of NIC. This will give Departments a choice of hosting their applications in any of the nodes.

Self Service Portal: Users can deploy and manage their cloud resources with ease.

Secure Cloud: Multi-layered secured infrastructure, setup in National Data Centres of NIC is being managed and monitored by highly skilled Cyber Security team of NIC.

Secured Access: Users can access cloud solutions using their own devices from anywhere at any time over the secured network using VPN.



CLOUD SERVICE OFFERINGS

A grid of eight colored boxes representing different cloud services: Web Server (orange), Application Server (yellow), Web + App. Server (red), Database Server (green), Development Server (brown), Basic Server (teal), Storage as a Service (orange), and Software as a Service (purple).

The catalogue of Cloud Service offerings provide users the option to choose from preconfigured Web, Applications and Database Servers with Commercial/Open Source System Software or Basic Server and Storage. Application Systems which are generic in nature for use of multiple government departments are offered under Software as Service (SaaS) model.

National Data Centres of NIC

NIC has setup Data Centres at Delhi, Hyderabad, Pune and is in the process of setting a National Data Centre at Bhubaneswar. NIC Data Centres provide shared hosting, co-location and now Cloud Services to the Government across India. Besides this, mini Data Centres are operational in all NIC State Centres to cater to the e-Governance requirements at the state level. These Data Centres provide round-the-clock operations and management of systems with onsite skilled personnel.

A variety of critical eGovernance applications hosted at the Data Centres include over 700 Government Websites/Portals, Exam Results Admission e-Counseling, Land Records, IVFRT, National and State Transport applications, CGHS, e-Procurement, e-Courts, eOffice, Election Results, Panchayat applications. Live webcast services are being provided for various programme and events such as Union Budget Speech, Parliament Proceedings, Independence Day and Republic Day Celebrations, important conferences and festivals.

