

# Basic Ngn Architecture Principles Itu

Functional Architecture Model of NGN - ITU: Committed to ...  
 Next Generation Networks - NGN  
 NGN Next Generation Network - SlideShare  
 Basic NGN Architecture Principles - ITU: Committed to ...  
 NGN Technical Workshop - ITU  
 Ngn Architectures Protocols And Services  
 NGN studies in ITU-T (a brief and not exhaustive overview)  
 Basic NGN Architecture Principles & Issues  
 What is NGN: Basic Architecture - ITU: Committed to ...  
 NGN Architecture and main Elements  
 ITU-T Rec. Y.2011 (10/2004) General principles and general ...  
 Next Generation Networks architecture by ITU-T  
 NGN BASICS - SlideShare  
 Next-generation network - Wikipedia  
 Ngn Architectures Protocols And Services  
 NGN Architecture: Generic Principles, Functional ...  
 On the Design of Next Generation Network Architecture for ...  
 Basic Ngn Architecture Principles Itu  
 1230 1400 Lunch 1400 1530SESSION 2 Current ITU ...  
 What is Enterprise Architecture (EA) and why is it important? EA concepts explained in a simple way. Understanding the Principles of Design *NGN Explainer Video Architecture Form , Space and Order -Francis Ching* *Four Distributed Systems Architectural Patterns* by Tim Berglund

System Design Introduction For Interview.

ITU-T's Study Group 13

IMS Architecture - From VoLTE perspective

Apa itu NGN ? (Next Generation Network) *Lesson 6 - Classifying Architecture Patterns* *IP Multimedia Subsystem (IMS) 2. VoLTE IMS Network Architecture tutorial* *Gigalo demonstrates FabreX the next generation network architecture in the data center* *Everything You Need to Know About 5G* *Jonathan Zittrain on Technology for the Social Good* *A Step-by-Step Guide to Building a True Composable Architecture for 5G Edge* by Prem Sankar Gopannan

Civic Technologies and the Future of the Internet with Jonathan Zittrain | Singularity University *Next Generation All-IP Telecom Networks: Quality of Service Challenges and Is...* *Landscape Architect Talk (LA TALK) "Landscape Globally, Landscape Locally"* *Jonathan Zittrain on Why the Internet Matters*

Downloaded from  
 Basic Ngn Architecture Principles Itu [ecobankpayservices.ecobank.com](http://ecobankpayservices.ecobank.com)  
 by guest

## MIDDLETON WELCH

**Functional Architecture Model of NGN - ITU: Committed to ...** What is Enterprise Architecture (EA) and why is it important? EA concepts explained in a simple way. Understanding the Principles of Design *NGN Explainer Video Architecture Form , Space and Order - Francis Ching* *Four Distributed Systems Architectural Patterns* by Tim Berglund

System Design Introduction For Interview.

ITU-T's Study Group 13

IMS Architecture - From VoLTE perspective

Apa itu NGN ? (Next Generation Network) *Lesson 6 - Classifying Architecture*

*Patterns* *IP Multimedia Subsystem (IMS) 2. VoLTE IMS Network Architecture tutorial* *Gigalo demonstrates FabreX the next generation network architecture in the data center* *Everything You Need to Know About 5G* *Jonathan Zittrain on Technology for the Social Good* *A Step-by-Step Guide to Building a True Composable Architecture for 5G Edge* by Prem Sankar Gopannan

Civic Technologies and the Future of the Internet with Jonathan Zittrain | Singularity University *Next Generation All-IP Telecom Networks: Quality of Service Challenges and Is...* *Landscape Architect Talk (LA TALK) "Landscape Globally, Landscape Locally"* *Jonathan Zittrain on Why the Internet Matters* Basic Ngn Architecture Principles Itu Basic NGN Architecture & Principles Keith G Knightson Canada. 2 NGN Architecture: Initial Considerations • NGN difficult to define in absolute terms

of: ... ITU-T Recommendation Y.2011. 6 Transport Network of Service Platforms NGN Telecomm Services Network of Transport Components Separation Networking Aspects. 7 Basic NGN Architecture Principles - ITU: Committed to ... ITU-T ITU-T Workshop on NGN (jointly organized with IETF) Geneva, 1-2 May 2005 Basic Functional Architecture Transport stratum Service stratum Media Handling Functions Access Functions Other networks Other networks Customer Functions Transport User Profile Functions Application Functions Gateway Functions Transport Control Functions Control Media UNI NNI Edge Functions Basic NGN Architecture Principles & Issues What is NGN: Basic Architecture Keith Knightson Consultant Industry Canada. 2 ITU-T ... ITU-T Rec. Y.2011 NGN: Horizontally Integrated Networks Far reaching implications. 5 ITU-T ... • Architectural principles • OSI model relevance • G.805

relevance of Y.2012 (Y.FRA) ...What is NGN: Basic Architecture - ITU: Committed to ...General framework and architectural principles Architecture models for the NGN End-to-end QoS Service platforms Network management Security Generalized mobility Network control architecture and protocols Service capabilities and service architecture Interoperability of services and network in NGN Numbering, naming and addressing Disaster and relief communication capabilities Next Generation Networks architecture by ITU-T ITU-T RECOMMENDATION Y.2011: GENERAL PRINCIPLES AND GENERAL REFERENCE MODEL FOR NGN The primary purpose of Y.2011 is to provide a basis for developing functional models for NGN-based services. First, it points out the potential differences between NGN layered systems and the seven-layer open systems interconnection basic refer-NGN Architecture: Generic Principles, Functional ...NGN Architecture: objectives and core component of The advanced objectives of the NGN Architecture • Support of a comprehensive set of services over a unifying IP layer network (converged network) • Transport stratum support of a multiplicity of access networks and a variety of mobile and fixed terminal types NGN studies in ITU-T (a brief and not exhaustive overview) Basic NGN Architecture Principles & Issues NGN Architectures, Protocols and Services: Toni Janevski ... Next Generation Networks - NGN NGN ... Services Networks - NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN Электронная книга: Toni Janevski. NGN Ngn Architectures Protocols And Services ITU-T • Architecture centers on SIP proxy-equivalent Call Session Control Functions (CSCFs). • Employs a separation model that decouples media processing elements and their controlling elements. • Links to transmission systems through a Gq interface. Functional Architecture Model of NGN - ITU: Committed to ...Manila, Philippines, June 2010 ITU - NGN elements - OGS Union. Network Architecture: Existing networks and architecture. • 5 different network types to handle telecom services • TDM for fixed and mobile networks working in circuit mode with end to end reserved paths • SS7 and IN network working with message switching mode • Data network working with leased lines and packet mode with different and conventional IP protocols. NGN Architecture and main Elements and basic communication architecture principles specified in ITU-T Rec. X.200 [1]. The

general reference architecture model described in this Recommendation should enable the support of the overall NGN characteristics as given in ITU-T Rec. Y.2001 [4]. In particular, it is neutral with respect to specific protocols and/or technologies. ITU-T Rec. Y.2011 (10/2004) General principles and general ...ITU Standardization and its new Environment: Arshey Odedra (ITU TSB) 10:10 - 10:30 : Keynote 3 NGN Focus Group Activities: Chae Sub Lee FGNGN Chairman : 10:30 - 11:00: Coffee Break: 11:00-12:30: Session 1: NGN Framework and Architecture: Khalid Ahmad (TTA) 11:00-11:30: 1-1: Basic NGN Architecture & Principles [Presentation] Keith Knightson ...NGN Technical Workshop - ITU The ITU-T has started its work on NGN in 2003 by creating the so-called Joint Rapporteur Group on Next Generation Network (JRG-NGN), which targeted to study several main subjects such as: NGN requirements, the general reference model, NGN functional requirements and functional architecture, and evolution to NGN (from existing telecommunication ...NGN Next Generation Network - SlideShare III. GENERIC NGN FUNCTIONAL ARCHITECTURE The collaborative efforts of the ITU-T, ETSI, TISPAN and 3GPP [23] gave rise to ITU-T recommendation Y-2012 [8] for the generalized NGN functional architecture. The functional architecture of NGN defines sets of entities where each provides a unique function. Relationships and connections between On the Design of Next Generation Network Architecture for ...NGN - ITU Perspective • Next Generation Network (NGN) provides a framework for network evolution, as defined by the ITU-T (Rec. Y.2001) • Key Characteristics - Packet-based network [generally Internet Protocol or IP] - Independence of service-related functions from underlying transport technologies - Interworking with legacy networks via open interfaces - Generalized mobility - Unrestricted access by users to different services and/or service providers NGN BASICS - SlideShare NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN Basic NGN Architecture Principles & Issues This book provides comprehensive coverage of NGN (Next Generation Network) architectures, protocols and services. It covers the foundations of NGN such as Internet technologies (as Ngn Architectures Protocols And Services) In addition, the activities of the ITU-D Regional offices will be highlighted. 1730 xxxx (social activity) ITU-T \BUREAU\CIRC\014E.DOC - 4 - Day 2, 8 April 2009 0900 — 1030 Session 4: An

Implementable NGN Architecture, and its Capabilities. 1230 1400 Lunch 1400 1530 SESSION 2 Current ITU ...ITU Centres of Excellence for Europe Next Generation Networks - NGN Module 1: ITU NGN standards and architectures Main drivers to Next Generation Networks - NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN Next Generation Networks - NGN The next-generation network (NGN) is a body of key architectural changes in telecommunication core and access networks. The general idea behind the NGN is that one network transports all information and services (voice, data, and all sorts of media such as video) by encapsulating these into IP packets, similar to those used on the Internet. Next-generation network - Wikipedia The International Telecommunication Union (ITU; French: Union Internationale des Télécommunications or UIT), is a specialized agency of the United Nations responsible for all matters related to information and communication technologies. Established in 1865 as the International Telegraph Union (French: Union Télégraphique Internationale), it is one of the oldest international organizations ... ITU-T ITU-T Workshop on NGN (jointly organized with IETF) Geneva, 1-2 May 2005 Basic Functional Architecture Transport stratum Service stratum Media Handling Functions Access Functions Other networks Other networks Customer Functions Transport User Profile Functions Application Functions Gateway Functions Transport Control Functions Control Media UNI NNI Edge Functions *Next Generation Networks - NGN* NGN Architecture: objectives and core component of The advanced objectives of the NGN Architecture • Support of a comprehensive set of services over a unifying IP layer network (converged network) • Transport stratum support of a multiplicity of access networks and a variety of mobile and fixed terminal types *NGN Next Generation Network - SlideShare* NGN - ITU Perspective • Next Generation Network (NGN) provides a framework for network evolution, as defined by the ITU-T (Rec. Y.2001) • Key Characteristics - Packet-based network [generally Internet Protocol or IP] - Independence of service-related functions from underlying transport technologies - Interworking with legacy networks via open interfaces - Generalized mobility - Unrestricted access by users to different services and/or service providers

*Basic NGN Architecture Principles - ITU: Committed to ...*

### III. GENERIC NGN FUNCTIONAL

ARCHITECTURE The collaborative efforts of the ITU-T, ETSI, TISPAN and 3GPP [23] gave rise to ITU-T recommendation Y-2012 [8] for the generalized NGN functional architecture. The functional architecture of NGN defines sets of entities where each provides a unique function. Relationships and connections between  
*NGN Technical Workshop - ITU*  
ITU-T Architecture centers on SIP proxy-equivalent Call Session Control Functions (CSCFs). • Employs a separation model that decouples media processing elements and their controlling elements. • Links to transmission systems through a Gq interface.

*NGN Architectures Protocols And Services*  
ITU Centres of Excellence for Europe Next Generation Networks - NGN Module 1: ITU NGN standards and architectures Main drivers to Next Generation Networks - NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN  
*NGN studies in ITU-T (a brief and not exhaustive overview)*

The ITU-T has started its work on NGN in 2003 by creating the so-called Joint Rapporteur Group on Next Generation Network (JRG-NGN), which targeted to study several main subjects such as: NGN requirements, the general reference model, NGN functional requirements and functional architecture, and evolution to NGN (from existing telecommunication ...  
*Basic NGN Architecture Principles & Issues*  
NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN  
Basic NGN Architecture Principles & Issues This book provides comprehensive coverage of NGN (Next Generation Network) architectures, protocols and services. It covers the foundations of NGN such as Internet technologies (as

#### **What is NGN: Basic Architecture - ITU: Committed to ...**

ITU Standardization and its new Environment: Arshay Odedra (ITU TSB)  
10:10 - 10:30 : Keynote 3 NGN Focus Group Activities: Chae Sub Lee FGNGN Chairman : 10:30 - 11:00: Coffee Break:  
11:00-12:30: Session 1: NGN Framework and Architecture: Khalid Ahmad (TTA)  
11:00-11:30: 1-1: Basic NGN Architecture & Principles [Presentation] Keith Knightson ...

**NGN Architecture and main Elements**  
Manila , Philippines, June 2010 ITU - NGN elements - OGS Union. Network

Architecture: Existing networks and architecture. • 5 different network types to handle telecom services • TDM for fixed and mobile networks working in circuit mode with end to end reserved paths • SS7 and IN network working with message switching mode • Data network working with leased lines and packet mode with different and conventional IP protocols.  
**ITU-T Rec. Y.2011 (10/2004) General principles and general ...**

The next-generation network (NGN) is a body of key architectural changes in telecommunication core and access networks. The general idea behind the NGN is that one network transports all information and services (voice, data, and all sorts of media such as video) by encapsulating these into IP packets, similar to those used on the Internet.

Next Generation Networks architecture by ITU-T

Basic NGN Architecture Principles & Issues  
NGN Architectures, Protocols and Services: Toni Janevski ... Next Generation Networks - NGN NGN ... Services Networks - NGN, All-IP concept and ITU NGN standards, NGN control architectures and protocols (TISPAN), Numbering, naming and addressing in NGN  
Электронная книга: Toni Janevski. NGN

*NGN BASICS - SlideShare*

The International Telecommunication Union (ITU; French: Union Internationale des Télécommunications or UIT), is a specialized agency of the United Nations responsible for all matters related to information and communication technologies. Established in 1865 as the International Telegraph Union (French: Union Télégraphique Internationale), it is one of the oldest international organizations ...

*Next-generation network - Wikipedia*  
~~What is Enterprise Architecture (EA) and why is it important? EA concepts explained in a simple way. Understanding the Principles of Design~~  
*NGN Explainer Video*  
*Architecture Form , Space and Order - Francis Ching*  
*Four Distributed Systems Architectural Patterns* by Tim Berglund

System Design Introduction For Interview.

ITU-T's Study Group 13

IMS Architecture - From VoLTE perspective

Apa itu NGN ? (Next Generation Network)  
*Lesson 6 - Classifying Architecture Patterns*  
IP Multimedia Subsystem (IMS) 2- VoLTE IMS Network Architecture tutorial  
GigaIO demonstrates FabreX the next generation network architecture in the

data-center *Everything You Need to Know About 5G* Jonathan Zittrain on Technology for the Social Good A Step-by-Step Guide to Building a True Composable Architecture for 5G Edge by Prem Sankar Gopannan

Civic Technologies and the Future of the Internet with Jonathan Zittrain | Singularity University Next Generation All-IP Telecom Networks: Quality of Service Challenges and Is... *Landscape Architect Talk (LA TALK) | "Landscape Globally, Landscape Locally"* Jonathan Zittrain on Why the Internet Matters

#### **NGN Architectures Protocols And Services**

General framework and architectural principles Architecture models for the NGN End-to-end QoS Service platforms Network management Security Generalized mobility Network control architecture and protocols Service capabilities and service architecture Interoperability of services and network in NGN Numbering, naming and addressing Disaster and relief communication capabilities  
*NGN Architecture: Generic Principles, Functional ...*

and basic communication architecture principles specified in ITU-T Rec. X.200 [1]. The general reference architecture model described in this Recommendation should enable the support of the overall NGN characteristics as given in ITU-T Rec. Y.2001 [4]. In particular, it is neutral with respect to specific protocols and/or technologies.

On the Design of Next Generation Network Architecture for ...

ITU-T RECOMMENDATION Y.2011: GENERAL PRINCIPLES AND GENERAL REFERENCE MODEL FOR NGN The primary purpose of Y.2011 is to provide a basis for developing functional models for NGN-based services. First, it points out the potential differences between NGN layered systems and the seven-layer open systems interconnection basic refer-  
Basic Ngn Architecture Principles Itu  
**1230 1400 Lunch 1400 1530SESSION 2 Current ITU ...**

Basic NGN Architecture & Principles Keith G Knightson Canada. 2 NGN Architecture: Initial Considerations • NGN difficult to define in absolute terms of: ... ITU-T Recommendation Y.2011. 6 Transport Network of Service Platforms NGN Telecomm Services Network of Transport Components Separation Networking Aspects. 7

~~What is Enterprise Architecture (EA) and why is it important? EA concepts explained in a simple way.~~  
**Understanding the Principles of**



**Design NGN Explainer Video Architecture Form , Space and Order - Francis Ching Four Distributed Systems Architectural Patterns by Tim Berglund**

---

**System Design Introduction For Interview.**

---

**ITU-T's Study Group 13**

---

**IMS Architecture - From VoLTE perspective**

---

**Apa itu NGN ? (Next Generation**

**Network) Lesson 6 - Classifying Architecture Patterns IP Multimedia Subsystem (IMS) 2. VoLTE-IMS Network Architecture tutorial GigaO demonstrates FabreX the next generation network architecture in the data-center Everything You Need to Know About 5G Jonathan Zittrain on Technology for the Social Good A Step-by-Step Guide to Building a True Composable Architecture for 5G Edge by Prem Sankar Gopannan**

---

**Civic Technologies and the Future of the Internet with Jonathan Zittrain |**

**Singularity University Next Generation All-IP Telecom Networks: Quality of Service Challenges and Is... Landscape Architect Talk (LA TALK) | "Landscape Globally, Landscape Locally" Jonathan Zittrain on Why the Internet Matters**

What is NGN: Basic Architecture Keith Knightson Consultant Industry Canada. 2 ITU-T ... ITU-T Rec. Y.2011 NGN: Horizontally Integrated Networks Far reaching implications. 5 ITU-T ... • Architectural principles • OSI model relevance • G.805 relevance o Y.2012 (Y.FRA) ...

Related with Basic Ngn Architecture Principles Itu:

[© Basic Ngn Architecture Principles Itu Asking The Right Questions A Guide To Critical Thinking Pdf](#)

[© Basic Ngn Architecture Principles Itu Asia Mall Technology Drive Eden Prairie Mn](#)

[© Basic Ngn Architecture Principles Itu Assistant Principal Interview Guide Pdf](#)