



SNS COLLEGE OF TECHNOLOGY

Coimbatore-35

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with
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Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

19ECT213- IoT SYSTEM ARCHITECTURE

II ECE / IV SEMESTER

UNIT 4 – Cloud Platforms for IoT

Virtualization in cloud concepts and cloud Architecture



IFTTT

IFTTT (If This Then That) is a web-based service that allows users to create chains of simple conditional statements, called applets. These applets are triggered by changes that occur within other web services such as Gmail, Facebook, Instagram, or Pinterest. Essentially, IFTTT allows you to automate interactions between different services and devices.



Key Aspects of IFTTT:

- **Applets:** These are the core of IFTTT. An applet consists of a trigger ("if this") and an action ("then that"). For example, you could create an applet that sends you a notification ("then that") every time someone tags you in a photo on Facebook ("if this").
- **Triggers:** These are the events that start an applet. A trigger can be anything from receiving an email, a specific weather condition, a new tweet, or even a location change.
- **Actions:** These are the outcomes that occur when a trigger event happens. Actions can include things like sending a text message, posting a tweet, turning on a smart light, or creating a new note.
- **Services:** IFTTT connects with a wide range of services and devices. This includes social media platforms, email services, smart home devices, and more. Some examples are Twitter, Dropbox, Google Assistant, Amazon Alexa, Philips Hue, and many others.
- **Custom Applets:** Users can create their own custom applets to meet specific needs. This involves selecting a trigger and then defining the action that should occur when the trigger is activated.
- **Pre-made Applets:** IFTTT also offers a library of pre-made applets that users can activate with just a few clicks. These applets are often created by other users or by the companies behind the services themselves.



Examples of IFTTT use cases:

- Automatically save email attachments to a cloud storage service like Google Drive or Dropbox.
- Post the same content to multiple social media platforms simultaneously.
- Turn on your smart lights when you arrive home.
- Get a weather forecast delivered to your phone every morning.
- Track your work hours in a Google Spreadsheet by checking in and out with your phone's location services.



How If This Then That (IFTTT) Works

01

Create the applet

02

Define the action

03

Customize the applet

04

Improve applet efficiency





Thank you