

# Migration to the clouds - Stairway to Heaven

A customer journey



NORDIC CHOICE HOTELS™

enfo

# Human history and clouds



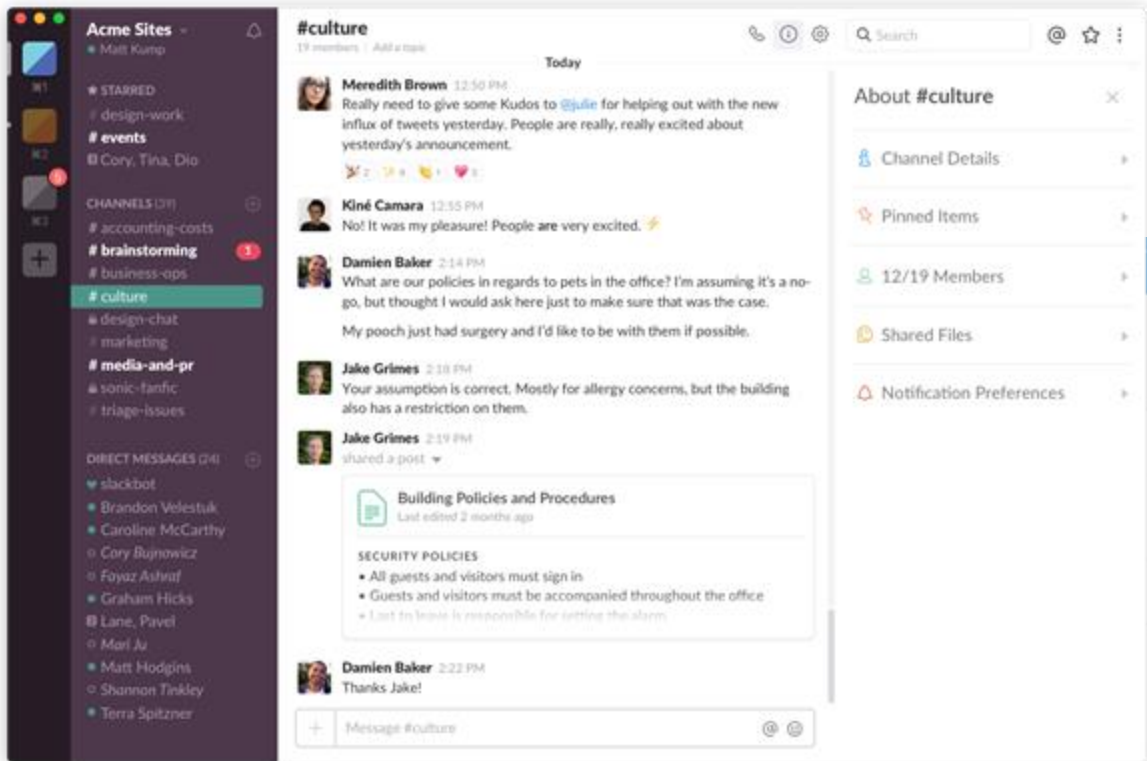
**The way to heaven?**



# Background of the NIP project

- Started end of 2014
- Necessity of integration platform, modern API approach, etc
- Main technology chosen : Mule

# Step 1: In the beginning was Slack



The screenshot displays the Slack interface for a workspace named "Acme Sites". The left sidebar shows a list of channels, with "# culture" selected and highlighted in green. Other channels include # design-work, # events, # accounting-costs, # brainstorming, # business-ops, # design-chat, # marketing, # media-and-pr, # sonic-fanfic, and # triage-issues. Below the channels are direct messages with slackbot and several team members.

The main content area shows the "# culture" channel with 19 members. The conversation includes:

- Meredith Brown** (12:50 PM): Really need to give some Kudos to @jake for helping out with the new influx of tweets yesterday. People are really, really excited about yesterday's announcement.
- Kiné Camara** (12:55 PM): Not! It was my pleasure! People are very excited. 🙌
- Damien Baker** (2:14 PM): What are our policies in regards to pets in the office? I'm assuming it's a no-go, but thought I would ask here just to make sure that was the case. My pooch just had surgery and I'd like to be with them if possible.
- Jake Grimes** (2:18 PM): Your assumption is correct. Mostly for allergy concerns, but the building also has a restriction on them.
- Jake Grimes** (2:19 PM): shared a post

The shared post is titled "Building Policies and Procedures" and includes the following security policies:

- SECURITY POLICIES
- All guests and visitors must sign in
- Guests and visitors must be accompanied throughout the office
- Last In/Leave is responsible for setting the alarm.

At the bottom of the channel, a message from **Damien Baker** (2:22 PM) says "Thanks Jake!". The interface also shows an "About #culture" sidebar on the right with options for Channel Details, Pinned Items, 12/19 Members, Shared Files, and Notification Preferences.

# Step 2: ESB server & AnypointMQ

The screenshot displays the Anypoint Runtime Manager interface. At the top, a dark header contains a menu icon and the text "Runtime Manager". Below this, a light gray bar features a "Deploy application" button and a search input field containing "Search Applications".

The main content area shows a table of applications with the following columns: Name, Server, and Status. One application is listed:

Name	Server	Status
anatest-cjlb	CloudHub	Undeployed

On the left side, a sidebar menu lists "Applications", "Servers", "Alerts", and "Load Balancers".

Below the application table, a smaller window titled "MQ" is open. It shows a "PRODUCTION" environment and a "Search Destinations" field. A dropdown menu is open, showing "US East (N. Virginia)" with the URL "https://mq-us-east-1.anypoint.mulesoft.com/api/v1". Below this is a table of destinations:

ID	Type	Encrypted
ErrorQueue	Queue	No
MyDemoDLQ	Queue	No
MyDemoExchange	Exchange	No
MyDemoQueue	Queue	No

# Step 3: Accompanying services - AWS (S3, Dynamo, etc)



Amazon S3



**amazon**  
DynamoDB



AWS CloudWatch

# Step 4: New build server - AWS CodeBuild

The screenshot displays the AWS CodeBuild console interface. The main content area shows the details for a build with ID `ramsey-uuid:14a8735f-72aa-4d6f-80c5-5c3dcf71bd1c`. The build status is **Succeeded**. Key details include:

- Build project:** ramsey-uuid
- Source provider:** GitHub
- Repository:** https://github.com/ramsey/uuid.git
- Start time:** 4 minutes ago
- End time:** 2 minutes ago
- Status:** Succeeded
- Initiator:** ramsey

The **Build details** section is expanded to show **Phase details**, which includes the following table:

Name	Status	Duration	Completed
SUBMITTED	Succeeded	--	4 minutes ago
PROVISIONING	Succeeded	1 min, 16 secs	3 minutes ago
DOWNLOAD_SOURCE	Succeeded	26 secs	3 minutes ago
INSTALL	Succeeded	--	3 minutes ago
PRE_BUILD	Succeeded	--	3 minutes ago
BUILD	Succeeded	1 min, 2 secs	2 minutes ago
POST_BUILD	Succeeded	--	2 minutes ago
UPLOAD_ARTIFACTS	Succeeded	--	2 minutes ago
FINALIZING	Succeeded	3 secs	2 minutes ago
COMPLETED	Succeeded	--	

The **Build logs** section shows the last 20 lines of the build log, including commands like `npm run build` and `npm run test`, all of which completed successfully.

On the left sidebar, there is a navigation menu with icons for various AWS services and a 'Build' button. On the right sidebar, there is a 'log in' button and a 'Latest builds' link.



# What we learned during our journey?

- Cloud-based is already the standard
- Adopting cloud-base services cuts the support cost
- Migrating to new cloud-based services helps re-evaluate and simplify operations

# Future?



Thank you!

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