Fundamental of Cloud Computing & Enterprise

Course Code IT413
Module – III
Topic – Brining Governance to the clouds

Prepared by
Dr. Seema Rawat
Deptt. of Information Technology and Engineering
Amity University Tashkent, Uzbekistan
Email- info@amity.uz

Policy

Stages of Policy Making

- A definite course or method of action selected (by government, institution, group or individual) from among alternatives and in the light of given conditions to guide and, usually, to determine present and future decisions.

- A specific decision or set of decisions designed to carry out such a course of action.

- Be broad and visionary.

- Set direction.

- Express standards, behaviours, and expectations to guide actions.

- Be a concept or stated position of intended outcomes.

- Be a statement of principle.

- Policies are distinct from procedures and guidelines, which are operational instructions or processes for applying a policy decision. Operational procedures interpret policy and define activities that must be carried out to implement the directions and goals set by policies. They are designed to achieve outputs. To reach consistent results, they place boundaries on how much individual discretion is permitted when interpreting policy.

Stages of Policy Process

Issue Identification

- Publicized demands for government action can lead to identification of policy problems.

- Attention that prompts the need for government action.

Agenda Setting

- Government begins to give serious consideration

Policy Formulation

- Policy proposals can be formulated through political channels by policy- planning organizations, interest groups, government bureaucracies, state legislatures, and the president and Congress.

Development of possible solutions; consideration of several alternatives

Policy Adoption/Legitimization ∘ Policy is legitimized as a result of the public statements or actions of government officials; both elected and appointed—the president, Congress, state legislators, agency officials, and the courts. This includes executive orders, budgets, laws and appropriations, rules and regulations, and administrative and court decisions that set policy directions.

 Policy Implementation ∘ Policy implementation includes all the activities that result from the official adoption of a policy. Policy implementation is what happens after a law is passed. We should never assume that the passage of a law is the end of the policymaking process. Sometimes laws are passed and nothing happens

General guidelines for changing policies and choosing Tactics:

1. Preparation: Prepare well for changing policies. Conduct the necessary research to get to know as much as possible about the issue.

2. Planning: Plan carefully for policy change. To ensure that your overall strategy makes sense, and that changing policies is a necessary and appropriate part of it, strategic planning is essential.

3.Personal contact: Establish or maintain contact with those who influence or make policy. Personal relationships, even with opponents, are the key to successful advocacy of all kinds, and changing policy is no exception.

4. Pulse of the community: Take the pulse of the community of interest to understand what citizens will support, what they will resist, and how they can be persuaded. You will have a far greater chance of success if you set out to change policies in ways the community will support, or at least tolerate, than if you challenge people's basic beliefs.

5. Positivism: Where you can, choose tactics that emphasize the positive.

6. Participation: Involve as many people as possible in strategic planning and action. Try to engage key people, particularly opinion leaders and trusted community figures, but concentrate on making your effort participatory. That will give it credibility.

7. Publicity: Use the media, the Internet, your connections, and your imagination to keep people informed of the effort and the issues, and to keep a high profile.

8. Persistence: Policy change can take a long time. Monitor and evaluate your actions to make sure they are having the desired effect, and change them if they are not

Some general concepts

- First, consider that all policies have goals
- Goals are related to outcomes
- What is the difference between a policy *output* and an *outcome?*
  - *What is an outcome?*
  - *What is a goal?*
  - *What are unintended outcomes?*
  - *Why do they happen?*
- **Policy design and implementation influence each other**

Policy design and implementat

- Choices made in design influence implementation
- Policy design continues during implementation
  - Experience will change design
  - Experience can change appreciation of prob

Preparing to Design Policy

- Problems
- Goals
  - Efficiency as a goal
  - Conflicting goals
    - Liberty versus security
    - Ambiguity and goal conflict
- Proper causal theory
- Policy tools
- Policy targets

Problems

- Something we can *do* something about
  - Is something a problem?
  - Or is it a *condition* about which we can do little?
- We learn about problems through
  - Changes in *indicators* of problems
  - Sudden, harmful or frightening *focusing events*
- *Problems are not obvious and self-evident*
  - Problem definition is contested
  - Problem definition shapes the solutions to problems

Policy goals

- What we want policy to achieve
- Deborah Stone's goals
  - Equity
  - Efficiency
  - Security
  - Liberty
- Are these goals immediately obvious?

- What security policies does it have in place? Are they consistent with a recognized framework and control standard?

- Does the provider have any industry certifications?

- How does the provider meet audit standards?

- Does the service provider have documented policies and procedures, including escalation procedures in the event of an incident?

- How does the provider handle identity and access management?

- How does the provider protect data?

Video Links

[1]
https://cloudcomputing-news.net/news/2015/jan/15/how-cloud-providers-can-prevent-data-loss-guide/

[2]
https://www.logikcull.com/blog/will-scotus-clarify-how-far-the-government-can-go-to-get-cloud-stored-data

[3] https://www.comparethecloud.net/opinions/data-loss-in-the-cloud/

Thank You