

# XNAT IT Operations

## Introduction to XNAT IT Operations

We're treating "IT Operations" as a separate category from "Administration" in this documentation to reflect the growing difference between these two roles, particularly in larger, more mature XNAT installations.

The role of IT Operations is focused almost entirely on backend concerns -- servers (both physical and virtualized), data stores, connections to computing clusters, and the like.

## XNAT Hosting and Deployment Infrastructure

Topics in development:

- [Hosting XNAT and its data](#)
- [XNAT deployment procedures](#)
- [XNAT backup and restore](#)

## XNAT Site Monitoring

- [XNAT Functional Testing with Selenium](#)
- [XNAT System Maintenance Tips](#)
- [XNAT System Monitoring](#)

## XNAT Remote Data relays

- [RAW k-space Data Collection](#)
- [Cloning the XNAT Relays](#)
- [NRG / HCP Pre-Built Data Relay](#)
- [Data Relay Workflow](#)
- [XNAT Remote Data Relays](#)
- [Building the XNAT Relays](#)

## External Resources

Topics in development:

- [Connecting XNAT to Amazon Web Services](#)