ITanwu: National ASAUDIT Technology Event - 19-21 June 2018

NATE 2018

1	RYNO HUGO	4	BAREND PRETORIUS	7	ASHWIN ADAMS	10	HOUSTON MATTHEWS
2	JIMMY VENTER	5	BOETA PRETORIUS	8	JURGENS HUMAN	11	EDWARD JANTJIE
3	ADELLE LOTTER	6	HENNIE ESTERHUIZEN	9	JOHN MOLEFE	12	ZAK VAN HEERDEN

Pre-NATE Activities

Adelle Lotter, Ciellie Jansen van Vuuren, Gerda Schillling & Hennie Esterhuizen

BLENDED LEARNING SIG MEETING

NATE DAY 1

Opening and Welcome

Boeta Pretorius

ASAUDIT DIRECTOR & CHIEF DIRECTOR IT – NWU

NATE Presentations Overview

HOSTED BY NELSON MANDELA UNIVERSITY

Adelle Lotter & Ryno Hugo, NWU - Nextcloud: NWU Cloud Solution

Nextcloud is an open source enterprise grade file synchronization and sharing platform that is extensible through the installation of applications. This presentation will touch on the reasons for looking at a private cloud solution in our environment as well as explain the architecture that the current installation is built on.

Barend Pretorius, NWU - Virtual Future Of PC Labs

Why Virtual? Whats to gain? How does it change the way we work? Let's talk about the future of the "PC Lab" as we know it!

Edward Jantjie, NWU - Virtual queue

The current generation of students are somewhat well vest in technology and the usage thereof. However, this is never the case in some areas of the country. There are some students that still have limited access to technology and/or access to this technology at a very late stage just before studying at a university. As a result, students at NWU particularly the Mafikeng site of delivery require assistance with their devices more than other sites. This brings about very long lines that the student service desk has to help, timeously and without compromising quality of service. A virtual queue management system was created particularly to for the service desk. The virtual queue offer advantages such as:
■ Allow students to easily book and indicate the service they require assistance with
■ Allow service agents to assist students as groups in peak periods
■ Get feedback from students
■ Management reports which can be filtered by a variety of variables. Since the inception of the system, there has been a significant reduction in time students spend on aqueue. Quality of services has been maintained and less work load has somewhat been reduced on service agents.

Hennie Esterhuizen, NWU - Proper operation of audio systems installed in university sound reinforcement and videoconferencing environments

From sound reinforcement to videoconferencing, electronic audio systems and their interaction with computers play an important role in university technology environments. It is essential to properly manage distortion, dynamic range, signal-to-noise ratios, frequency response, and building acoustics for teaching and learning, research, administration, management, safety & security, arts and entertainment. Challenge your expertise in electronic audio to hear if you are clear.

Houston Matthews, NWU - Using AI to improve IT Services

Basic presentation to show how AI can improve IT Services within the university environment.
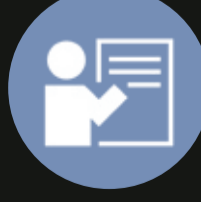
John Molefe & Jimmy Venter, NWU - Enhancing Distance Learning at the NWU

Upgrading 28 of the NWU remote sites to elevate insufficient bandwidth/capacity which remains an issue to fully enhance the research, teaching and learning needs of the University... RCCP II, Phase 4 - The Resolution and Game changer!

Jurgens Human & Jimmy Venter, NWU - Storage problems? What storage problems...

In an ever demanding and changing environment, everyone needs to have access to fast reliable and scalable storage that will not break the bank. Break the chain of propriety hardware and software.

Zak van Heerden, NWU - Cloud Computing: What is your end-user strategy?

Never forgetting about the end-user when talking cloud strategies, as without the users adopting the changes you propose, it would all be for nothing.

"We have again won the prize for the most presentations at NATE"

WELL DONE GUYS!!!